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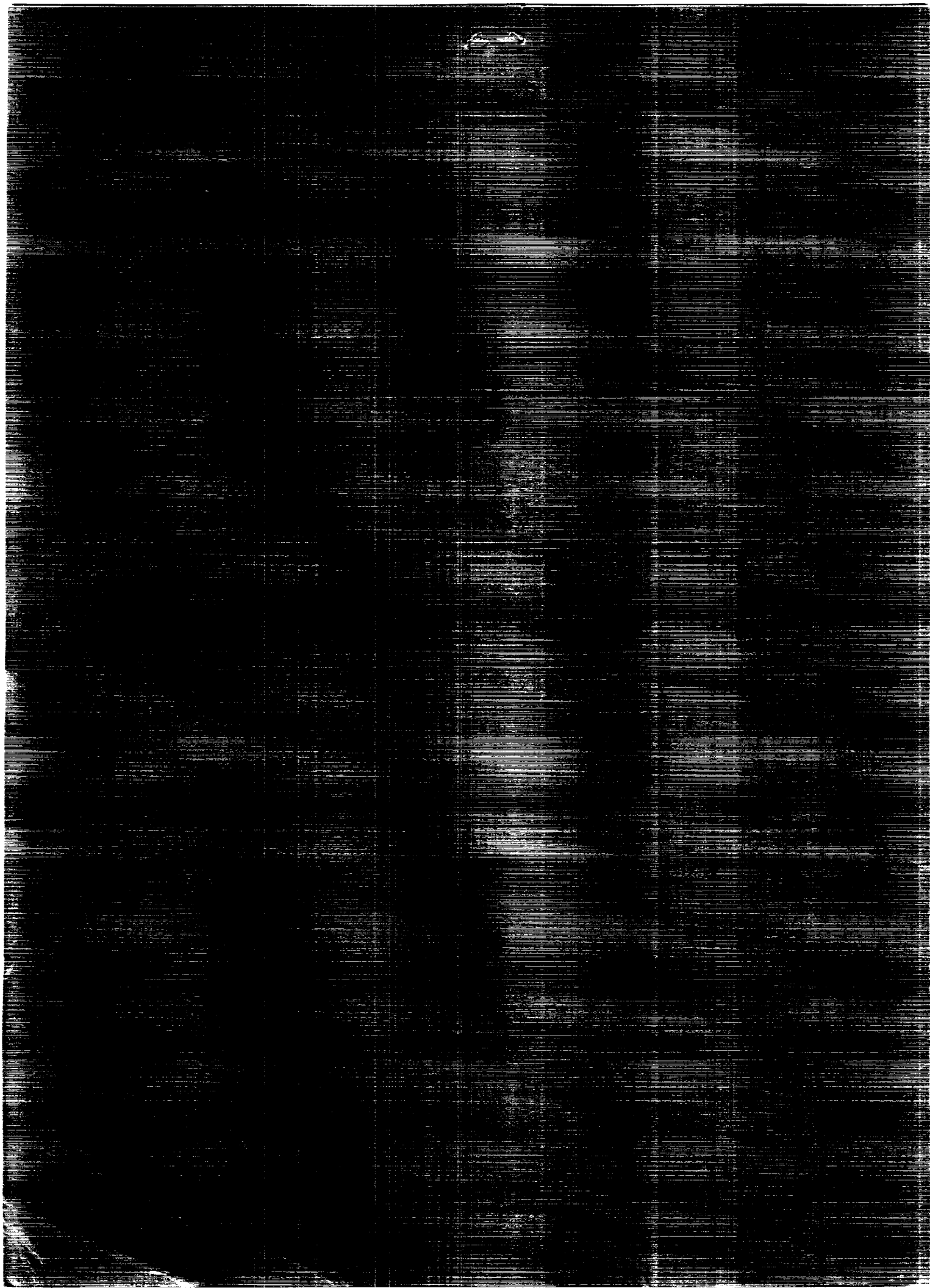
Summary

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The 1980 Solar Maximum Mission Event Listing

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INTRODUCTION

This document is an interexperiment compilation of solar burst activity observed by the Solar Maximum Mission (SMM) during the calendar year 1980. Data from the following instruments are included:

1. Gamma-Ray Spectrometer (GRS)
2. Hard X-Ray Burst Spectrometer (HXRBS)
3. Hard X-Ray Imaging Spectrometer (HXIS)
4. Flat Crystal Spectrometer (XRP-FCS)
5. Bent Crystal Spectrometer (XRP-BCS)
6. Ultraviolet Spectrometer and Polarimeter (UVSP)
7. Coronagraph/Polarimeter (C/P)

Also included are X-ray, radio, and optical data from the National Oceanic and Atmospheric Administration/U.S. Air Force solar observing network.

Several mission milestones affected data gathering. The following table documents those milestones:

- | | |
|-----------------------|--|
| 1. February 14, 1980 | - SMM launch. |
| 2. March 3, 1980 | - Light bulb on FCS crystal drive mechanism fails inhibiting crystal runs during 1980. |
| 3. June 1980 | - One HXIS microprocessor fails |
| 4. September 23, 1980 | - Final C/P image due to failure of the C/P Main Electronics Box. |
| 5. November 23, 1980 | - End of pointed observations due to Attitude Control System fuse failures. |

The SMM instruments had a wide range of spectral and temporal capabilities. Consequently, observed burst structure, timing, and evolution for a single event could differ greatly between the instruments, creating some ambiguities in correlating events. Additional ambiguities occurred when full disk instruments observed superposed bursts and limited field of view instruments observed only one source region.

Bursts observed by HXRBS formed the basis for this list. The instrument viewed the whole sun and high sensitivity data were taken continuously except during orbital night and South Atlantic Anomaly (SAA) passages. The HXRBS events were correlated with GOES X-ray, radio and optical data primarily by time coincidence, but also by burst magnitudes, profiles, and durations. Bursts observed by GRS and HXIS were then incorporated, followed by BCS and FCS detected events, supplying many additional bursts to the list. Most of these additional bursts were flares in which the impulsive phase was not observed due to night or SAA. Other low temperature events without high energy signatures, such as those related to filament disruptions, were also added (GOES X-ray, radio, and optical data were included for the new events). C/P coronal mass ejections were incorporated, but with few correlations with other SMM events. When ground-based H-alpha observers reported the likely source, this information was included. The UVSP experiment file was scanned, and information on

experiment modes, wavelength, etc. was added. Finally, the SMM computer pointing log was surveyed to provide the spacecraft location at the time of each event.

Every event observed during the mission has been assigned a unique event number, ranging between 1 and 12776 for events observed by HXRBS, and between 20001 and 22114 for events not observed by HXRBS. In this listing all information for each event is displayed in a multi-line block, one line per instrument. The first line gives the 'event time' (GOES peak time if available), the day of year (DOY) of the event, and the SMM pointing latitude, longitude, pitch, yaw, roll, and heliocentric angle. Lines for Optical, GOES, HXRBS, GRS, XRP-BCS, XRP-FCS, HXIS, UVSP, C/P, Radio (Sweep Frequency), and Radio (Discrete Frequency) data follow if the information is available. In addition, on a particular line, entries are printed only if the item of information is available. Some events that were catalogued as separate events may actually be part of another event. In these cases, the 'associated event' information is listed immediately after the 'primary event,' separated by a dashed line.

Each instrument team has compiled individual event listings, most of which include more data than recorded here. Requests for those listings should be addressed to the appropriate Principal Investigator. Requests for access to the computer file from which this listing was derived should be made to the SMM Project Scientist. Software for manipulation of this file resides on the SMM Data Analysis Center VAX computer.

Many individuals on each instrument team were involved in the generation of the data used in this document. Without their efforts this compilation would not have been possible. Particular acknowledgements are given to Lisa Pfanneschlag, Greg Einfalt, and Mary Miller for data entry, and to Gloria Wharen for her help in preparing the text. The descriptive text for each instrument was provided by the individual instrument team.

This compilation was derived from the in-house document "Solar Maximum Mission Event Listing," [Pryor et al., 1981] published through the SMM Data Analysis Center (DAC). The original list was reformatted, edited, and greatly expanded.

Gamma-Ray Spectrometer (GRS)

The Gamma-Ray Spectrometer [D.J. Forrest et al., Solar Physics 1980, 65, 15] was a wide field of view X-ray, gamma-ray and neutron spectrometer which recorded transient emissions of photons from 10 keV to > 100 MeV and neutrons above 50 MeV energy. High resolution energy spectra were recorded between 300 keV - 9 MeV photon energy with 16.384 s accumulation time. High time resolution at 1.024 and 2.048 s was available in some energy windows.

The following list of events includes only those solar flares found by specific search techniques. It should be kept in mind that this list may undergo modification as other search procedures and analysis approaches are used. The list does not include all possible events but only those for which there has been verification that an associated H-alpha solar flare occurred.

The events in the attached list were identified by a time dependent increase in the observed counting rate between 300 - 400 keV. This search is independently performed at two locations - Max Planck Institute (Garching) and Naval Research Laboratory. The procedure uses a combination of visual and computer based search techniques. The visual technique uses printouts (16 s average) of the counts in two X-ray channels, X23 + X24, and spectrometer channels (MC 10-30) between 298 - 445 keV. The computer technique uses a comparison of a predicted rate based on a running average with the observed rate to search for events with a large rate of change of count rate. Both techniques are more efficient for impulsive events.

Description of GRS entries:

1. Start time - expressed as hour:minute:second. All GRS times are based on 16.384 s Major Frame Pairs (MFP) required for a spectral accumulation between 0.3 and 9 MeV. Start time is the beginning time of the series of MFP which contain significant counts ≥ 300 keV. Therefore, the times and durations may disagree with other observations by up to 16.384 s.
2. End time - expressed as hour:minute:second.
3. Max.E.MeV - the high-energy end of the channel band used for a power law spectral fit in MeV. The low-energy end of this band is always 300 keV. The high-energy end is determined by a statistical check of the data in 10 channel increments starting from the minimum required band channel 10 to 30. There may be gamma-ray emission above Max.E.
4. Nuclear.Line - Y indicates nuclear line evidence. This evidence is determined from the presence of excess counts in the 4 - 8 MeV band over that predicted from the power law fit made at lower energies, as described above.
5. >10 MeV - Y indicates presence of excess counts in the High Energy Monitor which requires energy losses >10 MeV.

6. Neutrons - Y flags events for which there is strong evidence that GRS has recorded delayed counts from a flux of solar neutrons giving energy loss >10 MeV.
7. Dur - Duration of event in seconds (see warning note in description of start time above).

NOTE: The analysis of the SMM GRS data base is carried out by a collaboration between the University of New Hampshire, the Max Planck Institute, Garching FRG, and the Naval Research Laboratory.

Hard X-Ray Burst Spectrometer (HXRBS)

The Hard X-Ray Burst Spectrometer [L.E. Orwig, K.J. Frost, B.R. Dennis. Solar Physics 1980, 65, 25] was an actively-shielded CsI(Na) scintillation crystal with a sensitive area of 71 cm^2 and a circular field of view with a 40 degree FWHM. Thus, the whole sun was observed with no spatial information.

The basic scientific data from HXRBS consist of the counting rate recorded every 128 ms in each of 15 pulse-height channels. In-orbit calibration data showed that these channels covered the energy-loss range from 25 to 440 keV immediately after launch and then drifted slowly to higher energies since that time.

In addition to the 128 ms spectral data, an on-board circulating 32K-word memory stored count-rate data for the bigger flares with finer time resolution. The number of counts with a pulse-height between the bottom edge of channel 1 and the top edge of channel 15 was recorded in fine time intervals of 10, 5 or 1 ms as indicated by the flags "M", "M5" or "M1" respectively. The absolute time of all counting rate data is known to an accuracy of a few milliseconds, except where noted in the listing, thus allowing detailed comparisons to be made with other coincident observations.

Most of the events in this listing were discovered in the HXRBS data within a day after the observation. An average of about 90% of the SMM data was received at the Experimenters' Operations Facility at Goddard Space Flight Center a few hours after data transmission to the various ground stations. The 24-hour data base was scanned each day for flares by plotting the counting rate in channel 2 as a function of time with 16 s time resolution. A flare which produced a 10% increase in counting rate lasting for a few seconds could be reliably detected above the 12 counts s^{-1} background rate typically measured in channel 2. This corresponds to a detection threshold level of approximately $10^{-3} \text{ photons cm}^{-2} \text{ s}^{-1} \text{ keV}^{-1}$ at 30 keV. Once an event had been discovered in this way, a standard plot of counting rate versus time was made with the counts in all 15 channels added together. Generally, a time resolution of 1.024 s was used for this plot with a time scale of 1 or 2 minutes per inch depending on the duration of the event. (Photographic copies of these particular plots are produced on microfiche and are available from the National Space Science Data Center, Code 601, NASA/GSFC, Greenbelt, MD 20771.)

Each legitimate event was given a number, referred to as the HXRBS event number, that uniquely identifies the burst. The event numbers generally follow a chronological sequence, as most events were identified within 24 hours of their occurrence. A few bursts, however, were only discovered several months later upon scanning through the complete data set provided on magnetic tape by the Information Processing Division (IPD) at GSFC. These IPD flares are flagged in the listing with the letter "I," and their event numbers are generally out of chronological sequence.

The event number, the start time, the peak time and the duration are given for every event in the listing. These times are generally accurate to approximately 5 s. The peak counting rate summed over all 15 channels is also listed. This rate was obtained from a rate versus time plot with a time resolution of 1.024 s. It is the total rate including the pre-flare background rate of about 40 counts s^{-1} as indicated in Figure 1. For the larger flares, i.e. those with peak rates exceeding 100 counts s^{-1} and/or durations of greater than 200 s, the total number of counts recorded during the flare in excess of the pre-flare background is also listed. This gives an indication of the overall size of the burst.

A comprehensive listing of all events detected with HXRBS from launch to December 1987 is provided in "The Hard X-ray Burst Spectrometer Event Listing 1980 - 1987" [B.R. Dennis et al., NASA Technical Memorandum 4036], and a complete event listing covering the entire mission will be published as a NASA Technical Memorandum in the spring of 1991.

Description of HXRBS entries:

1. Start time - expressed as hour:minute:second.
Peak time - expressed as hour:minute:second.
End time - expressed as hour:minute:second.
2. Peak...c/s - peak rate in counts per second. This is the total rate in the full energy range covered by the instrument (channels 1-15) and does not have the pre-flare background rate subtracted (see Figure 1).
3. Qual - Quality code as defined below:
 - 1- Entire event observed
 - 2 - Start of event not observed
 - 3 - End of event not observed
 - 4 - Start and end of event not observed
 - 11 - Entire event observed, but data missing due to night, SAA or other causes.
 - 12 - Start of event not observed and data missing during event
 - 13 - End of event not observed and data missing during event
 - 14 - Start and end of event not observed and data missing during event
4. Tot Cts - Total Counts, represents the integrated number of counts detected with HXRBS during the flare in excess of the pre-flare rate (see Figure 1).
5. MaxkeV - the high energy edge in keV of the highest channel showing any increase in rate during the flare.

6. FLAGS - the definitions of the letters in this column are as follows:
- M Memory data available with 10 ms time resolution.
 - M1 Memory data available with 1 ms time resolution.
 - M5 Memory data available with 5 ms time resolution.
 - I Event discovered well after the event time, in data provided by the Information Processing Division.
 - SN Event started in spacecraft night.
 - EN Event ended in spacecraft night.
 - IN Event interrupted by spacecraft night.
 - SA Event started when SMM was in the South Atlantic Anomaly (SAA).
 - ES Event ended when SMM was in the SAA.
 - IS Event interrupted by the SAA.
 - SG Event started in a data gap.
 - EG Event ended in a data gap.
 - DG Data gaps during event.
 - AX Event is probably the result of passage through trapped charged particles.
 - ND Noisy data.
 - NS Possible non-solar event.
 - FS Event contains one or more fast spikes with durations of less than one second.
 - EW Experiment status file contains wrong on-time information.
 - GB Event is a Gamma-Ray Burst.
 - + Insufficient space to print all existing flags.

NOTE: The presence of an asterisk following the HXRBS header line indicates the following conditions for the following events:

HXRBS Events	Comments
1223	Times on flare optical disk are low by 4m 30s.

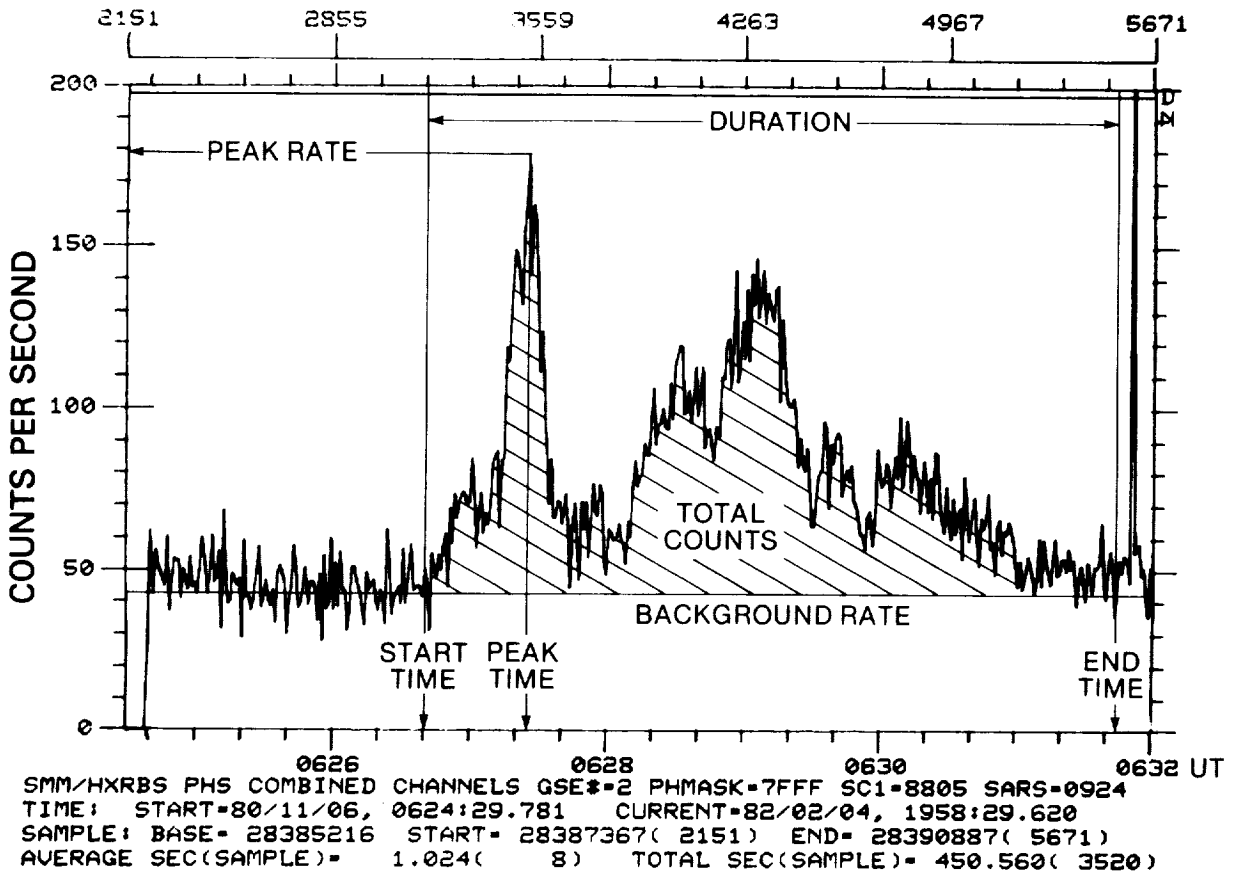


FIGURE 1: A standard plot of a hard X-ray burst (HXRBS event #1544) showing the rate of counts in channels 1 through 15 versus Universal Time. The time resolution is 1.024 s, the time scale is 1 inch per minute, and the counting rate is corrected for instrument dead time. The start time, peak time, end time, duration, peak rate, and total number of counts are indicated as they are determined for inclusion in the event listing.

Hard X-Ray Imaging Spectrometer (HXIS)

The Hard X-Ray Imaging Spectrometer [van Beek et al., Solar Physics 1980, 65, 39] sent back X-ray images of solar flares up to the time the attitude control system failed on November 22, 1980.

The data consist of six independent energy intervals, with boundaries at 3.5, 5.5, 8.0, 11.5, 16, 22 and 30 keV. Images in each energy band were accumulated simultaneously, and transmitted on a timescale of 7.68s, 1.54s or around 4s, depending on the flare status. Each image element, or pixel, is continuously sensitive, unlike instruments that build up their image by rastering over the field of view. With an accumulation time of 7.68s, all pixels were transmitted; in the primary flare mode, only the brightest pixels in the coarse and fine fields of view were transmitted, together with the high energy monitor in the highest energy band and limited data from the slits. The intermediate mode was adjusted occasionally throughout the mission, but typically had a known duration of around 4s, which was adequate to observe every pixel with an intensity above background for virtually all flares. The high time resolution flare mode was triggered by an increase in detected x-ray photons in the energy interval 3.5-5.5 keV. The threshold was adjusted occasionally during the mission. Similarly, the length of time spent in each of the higher time resolution modes was adjusted.

The instrument had two fields of view, with their centers co-aligned, of 2'40" x 2'40" and 6'24" x 6'24", respectively. The smaller field of view had a pixel size of 8" x 8" (fine), and the larger field of view had a pixel size of 32" x 32" (coarse). The corners of both fields of view were not transmitted. In addition there were 16" fan beam slit collimators covering orthogonal directions over the fine field of view.

A high energy monitor with a thick entrance window to eliminate contamination from lower energy photons increased the sensitivity at the high energy end of the range; however, this had no spatial resolution. Two radioactive sources were monitored continuously throughout the mission. These were used to monitor, and adjust if necessary, the gain of the instrument. They were also used for the dead-time correction, which must be applied to the data for large flares.

The event listing is based on those events which triggered the flare mode of the instrument at the current threshold. There are many hundreds of smaller events which were observed below this threshold. Any analysis performed on the intensity during large events must be corrected for dead-time.

If a large or energetic event occurred outside the field of view, there may have been some response to high energy photons leaking through the collimator. Such events are easily identified as they show enhanced data with a random, haphazard image, especially in the higher energy bands.

After June, 1980 only one of the two HXIS microprocessors was operational. Data after this time consequently suffers from a 50% duty cycle.

Description of HXIS entries:

1. Peak time - time the maximum counting rate was reached in the 3.5-5.5 keV energy band.
2. Peak...c/s - peak rate in counts per second in the 3.5-5.5 keV energy band. The published rates and times are not corrected for dead-time, so the larger flares may be subject to this correction.

X-Ray Polychromator (XRP)

The primary objective of the X-Ray Polychromator [Acton et al., Solar Physics 1980, 65, 53] was to study the physical conditions in the corona for a variety of solar phenomena. This was achieved through the use of two complementary instruments: the Bent Crystal Spectrometer (BCS), which continuously monitored the spatially integrated high temperature flux from flares, and the Flat Crystal Spectrometer (FCS), which could image an area of up to 7 arcminutes square in six bright spectral lines simultaneously, or make rapid scans over a wide wavelength range or at high resolution across individual line complexes. XRP gathered data during the peak of solar cycle 21 (February to November 1980), during its decline (following the in-orbit repair of SMM in April 1984), and through the rise phase of cycle 22, until November 1989, when spacecraft fine-pointing was lost prior to reentry.

The XRP experiment was conceived to observe the spectral region between 1.4 and 22.4 Å. In the temperature regime of solar active regions and flares (2 - 50 million K), this region exhibits a rich emission-line spectrum. The experiment was especially prepared to take advantage of the plasma diagnostic opportunity offered by the spectra of helium-like ions and their satellites [Gabriel and Jordan, in McDaniel and McDowell (eds.), Case Studies in Atomic Collisions 1972, (Amsterdam:North-Holland), 2, 209]; [Dubau and Volonte, Rep. Prog. Phys. 1980, 43, 199].

The BCS had eight bent Bragg crystal spectrometers with position-sensitive detectors covering important X-ray lines of highly-ionized calcium and iron. It was collimated to 6 arcminutes FWHM and was capable of changing its time resolution from 11 s to less than 0.5 s by using dynamic memory and sacrificing spectral coverage or resolution. The BCS was sensitive to the high-temperature ($T > 10$ million K) component of the flare plasma; the data are used to determine electron temperature, emission measure, dynamics, and elemental abundances of the plasma, and to look for nonequilibrium effects. For large events, the measured BCS count rates must be corrected for a dead time of about 40 microseconds, part of which depends on the position of photons along the anode. At sufficiently high count rates, (e.g., from GOES mid-X class flares), spectral distortion resulted. At lower rates, there was a simple suppression of the count rate. The suppression was a 10% effect at about 2550 counts s^{-1} (corresponding to about a GOES class M4 flare). The maximum observable count rate in BCS Channel 1 was 8760 counts s^{-1} , corresponding to an incident rate of 23800 counts s^{-1} .

The FCS had seven Bragg crystal spectrometers that could be scanned in wavelength over a broad spectral range. At the "home position" of the wavelength drive, each of seven channels could monitor the emission from a prominent soft X-ray line. An additional channel produced a coarse-resolution solar white light image which could be used for coregistration. The FCS was sensitive to a wide range of temperature (2 million K $< T < 70$ million K) and hence could detect everything from quiescent active regions to flares. By scanning

its wavelength drive, the FCS could access an even wider range of soft X-ray lines and measure Doppler broadenings and shifts. However, electrical and mechanical problems with the FCS wavelength drive limited its ability to take spectra. (In 1980 only four FCS experiments involving wavelength scans were run; about 400 were run throughout the mission.) The FCS isolated specific areas in the corona for study by using its narrow 14 arcsecond collimation.

The XRP Event Listing catalogues soft X-ray flares detected by the BCS instrument. For each event, the Start Time, Peak Time, and End Time in BCS Channel 1 (the Ca XIX channel) are given. The Start Time occurred when the BCS Ca XIX count rate rose above the background level up to 18 counts s⁻¹ and the End Time occurred when the event decayed back to that threshold. (Near threshold or for multiple events, these times are necessarily somewhat arbitrary, and depend on the exact integration time used.) However, some event times were determined by orbital sunrise or sunset, where the flare started before satellite day or was prematurely ended by satellite night. If an event reached its peak during orbital night, or during SAA passage when the XRP detectors did not operate, the maximum level observed during satellite day and the time of that maximum are listed. The peak rate includes all counts recorded in the channel, uncorrected for background or dead time. The peak times and peak rates in the low-resolution Fe XXV channel (BCS Channel 4) are also given, even if these are not above background level. (A valid Ca XIX event may not have a corresponding valid event in the hotter Fe XXV channel.)

The FCS entries in the XRP Event Listing should be used with care. An event observed by the BCS was not necessarily observed by the FCS, even if the FCS was operating. The FCS could have been pointed away from the flare site at the time of the event, in a "sit and stare" mode (in which the raster drive was at rest), or in a spatial raster which did not include the flare site or did not sample the flare site at the time of the flare. The quoted FCS peak time is often the starting time of the most recent FCS raster map; this is given only if the raster duration included a BCS peak time, but no check was made on whether the flare site was included in the raster. If the FCS was in a "sit and stare" mode, the location was typically either the brightest pixel of a previous FCS raster map, or the FCS boresight, neither of which was necessarily the flare site. Thus, the quoted peak intensity may not be associated with the flare itself; it could simply be the maximum intensity in a raster map, a peak in "sit and stare" lightcurve data taken at a location possibly other than the flare site, or a peak in spectral data associated with scanning a bright emission line.

NOTE: The count rates and times in the XRP Event Listing should not be used directly for analysis, but rather as a guide for selecting data for a given study. Any analysis program should refer to the original data. Particular care should be used in dealing with Event Listing entries with rates near the 18 counts s^{-1} threshold. Furthermore, derivation of physical parameters from BCS spectra for events with less than about 50 counts s^{-1} may be difficult.

Description of XRP-BCS Entries:

1. Start Time - expressed as hour:minute:second.
2. Peak Time - expressed as hour:minute:second.
3. End Time - expressed as hour:minute:second.
4. Ca Peak..c/s - peak BCS Ca XIX channel count rate in counts s^{-1} .
5. QUAL - quality code from 1 to 8, indicating completeness of the observation:
 - 1 - entire event observed
 - 2 - only start of event observed
 - 3 - start and peak of event observed
 - 4 - peak and decay of event observed
 - 5 - only decay of event observed
 - 6 - no data, or bad data
 - 7 - only rise and decay observed (e.g., peak lost due to SAA)
 - 8 - only peak observed (including 20% rise and 20% decay)
6. FePeak - time of maximum count rate in Channel 4 (Fe XXV low resolution channel), not necessarily above the background level.
7. Fe Peak..c/s - peak BCS channel 4 (Fe XXV) count rate in counts s^{-1} , not necessarily above the background level.
8. # peaks - number of peaks in Ca XIX observed, where intensities changed by at least 20%.
9. dt - BCS accumulation time in seconds.
10. XEN - XRP event number.

Description of XRP-FCS Entries:

1. Peak Time - expressed as hour:minute. Note caveats above on relating this time to BCS event.
2. Peak3 - FCS Detector #3 (Mg XI channel) peak intensity in counts s^{-1} . Note caveats above on relating this intensity to the BCS event.
3. Rast - raster size in arcseconds. Note: Rast=0"x0" denotes a "sit and stare" mode with the raster drive at rest.
4. Step - raster step size in arcseconds (also the image pixel size). Possible step sizes were 5", 10", 15", or 20". Note: Step=0" implies a "sit and stare" mode.
5. Cad (cadence) - duration of the FCS mode, e.g., the time to complete one raster (in seconds if < 10000 sec, in minutes if > 10000 sec); this is also the repeat time for a series of like rasters.
6. s/pixel - dwell time in seconds at each pixel in the raster.

For additional data information, there is a computer-accessible XRP Master Event File. This is an unformatted, indexed file containing all the catalogued information on flares observed by XRP. All records are 512 bytes in length arbitrarily divided into two sections of 256 bytes each. The first section contains event data, while the second contains comments. The first section includes a number of Key fields (approximately 20). The file can be searched with reference to any one of these keys.

Ultraviolet Spectrometer and Polarimeter (UVSP)

The Ultraviolet Spectrometer and Polarimeter [Woodgate et al., Solar Physics 1980, 65, 73] on SMM consisted of a Gregorian telescope, a polarimeter consisting of two retarders and a linear polarizer, an Ebert-Fastie spectrograph, and five photomultiplier detectors (four used in second order, 1170 - 1780Å and one in first order, 1780 - 3600Å). The telescope secondary was rasterable in 1" or greater increment steps over a field of view of 256" x 256", and a novel slit wheel offered a choice of 22 sets of entrance apertures and four or five corresponding exit slits. UVSP was thus able to sample several spectral lines simultaneously (or nearly so), or, by use of beamsplitting prisms behind the exit slits, to obtain Doppler velocity information in one or two spectral lines. The wavelength drive allowed stepping of the spectrograph grating in increments of approximately 5 mÅ (in second order). Detector gating could be as short as 32 ms. In normal operations, all of the mechanisms were controlled by a 4096-word (16-bit) computer, which allowed the definition of a broad variety of experiment sequences. A Coalignment Adjustment System (CAS) allowed offsetting the entire UVSP for better alignment with other instruments of independent pointing.

Description of UVSP entries:

Unlike the entries of the higher energy instruments, the UVSP event list entries describe whatever the instrument was doing during the time of the flare, regardless of whether or not the flare was observed by UVSP. The data in each entry consist of:

1. Start time - Experiment start time (UT) expressed in hour:minute.
2. Wavelength - in Å, good to the nearest 4Å (second order). If the experiment involved moving the wavelength drive, this is the initial (shortest) wavelength of the sequence.
3. Code - Time code indicating the following:
 - 0 - experiment includes the time of peak GOES emission
 - 1 - experiment includes ten minutes before the GOES peak
 - 2 - experiment includes ten minutes after the GOES peak
4. Exp # - UVSP experiment number. Each UVSP experiment is identified by a unique number, that in turn identifies the disk or tape file containing the data: data from experiment *nnnnn* will be found in playback (final data) file *Vnnnnn.PB* (.FD).
5. Rast - total size of the raster pattern, or, for a single pixel experiment, the aperture size, in arcseconds. The first dimension is North - South (spacecraft Y-axis, UVSP x-axis), the second, East - West (spacecraft Z-axis, UVSP y-axis).

6. Step - secondary mirror step size, in arcseconds; zero for experiments in which the secondary mirror was not rastered ("sit and stare" experiments).
7. Pitch, Yaw - Raster center coordinates relative to disk center; these will differ from spacecraft pointing only when CAS motions have offset UVSP relative to the spacecraft boresight.

Coronagraph/Polarimeter (C/P)

The High Altitude Observatory Coronagraph/Polarimeter [R.M. MacQueen et al., Solar Physics 1980, 65, 91] as an externally occulted, white-light coronagraph which recorded the solar coronal radiance from Thomson-scattered electrons (through a broad-band filter, 500-535 nm wavelength) and the presence of hydrogen alpha emission from cool ejecta at the solar limb (through a 654.3-658.3 nm filter). Images were recorded in total intensity and in three different planes of linear polarization. Images were obtained in a time cadence as rapid as once per several minutes or as infrequently as several times per orbit.

The list of coronal mass ejections stems from a visual examination of all video images obtained by C/P and analyzed by direct video display. Consecutive images were "toggled" and changes in the corona were readily apparent to the viewer in most cases. In the more obscure cases, images were digitally subtracted pixel-by-pixel from an earlier base image, thereby enhancing faint or subtle changes that occurred during the time between the images. A complete listing of SMM mass ejections is provided in "A Catalogue of Mass Ejections Observed by the Solar Maximum Mission Coronagraph" [O.C. St. Cyr and J.T. Burkepile, NCAR Technical Note 352 1990].

Any user of the information on the C/P list should be aware that it is derived from two-dimensional images and thus represents a "projection" onto a plane normal to the sun-earth line. In particular, measured position angles can be directly converted to solar latitudes only for structures near the solar limb. Measured speeds are similarly components projected on a plane.

Description of C/P entries:

1. Start time - expressed in hour:minute. The 'start' time is the time of the earliest coronagraph image on which the primary structure identified as the mass ejection (for example, a bright loop) is visible within the coronagraph field of view.
2. PA - the location of the event center described in position angle, measured in the conventional sense (from solar north to east). The center is calculated as the mid-point between the position angles of the bright edges of the mass ejection "primary structure" at its greatest extent.
3. Extrapolated Start Time - An extrapolated start time can be determined for those mass ejections with speed measurements. A linear least-squares fit of the event's data points on a time versus height plot yields the speed directly. The intersection of the line with altitude one R_{sun} (i.e. the solar limb) produces an extrapolated departure time. The extrapolated start time thus represents an estimate of the time of the initiation of the mass ejection, assuming an initial altitude of one R_{sun} and assuming a constant velocity.

4. Comments - some entries also include comments on the visual appearance of the event. More comprehensive descriptions of each event are available from HAO.

Ground-Based, Radio, and GOES X-Ray Data

Most of the ground-based and all radio and GOES X-ray data were supplied by the NOAA/USAF network observatories and geosynchronous sensors. When no ground-based data on a particular event was available from the network, the Solar and Geophysical Data Prompt and Comprehensive Reports issued by the World Data Center-A were consulted.

Optical flare correlations were based primarily on time coincidence with instrument-detected events. Locations given indicate flare site, not SMM pointing. SMM pointing information, when available, is supplied elsewhere in the entry. Multiple optical flare reports are listed when other regions produced flares in coincidence with the instrument-detected event. The first optical event listed is that which best corresponds to the SMM-detected event. There are also entries indicating multiple bursts detected by the SMM instruments for single optical and soft X-ray flares.

The following descriptions and definitions should aid in deciphering the ground based data. For more comprehensive definitions consult the pamphlet "Descriptive text - Contents of Preliminary Report and Forecast of Solar-Geophysical Data Activity", available from the Space Environment Services Center (SESC) at the address below:

NOAA/SEL R/E/SE2
325 Broadway
Boulder, CO 80303-2238

Description of optical entries:

1. H α Classification - Indicates size and brightness of flare in the form XY where X is one of the following area codes:

S - Subflare (area < 2.0 sq. degrees)
1 - Importance 1 ($2.1 \leq \text{area} \leq 5.1$ sq. degrees)
2 - Importance 2 ($5.2 \leq \text{area} \leq 12.4$ sq. degrees)
3 - Importance 3 ($12.5 \leq \text{area} \leq 24.7$ sq. degrees)
4 - Importance 4 (area ≥ 24.8 sq. degrees)

and Y is one of the following brightness codes:

F - faint
N - normal
B - brilliant

For non-flare reports, the following codes are used to describe the event:

BSL - Bright surge on limb
LPS - Loop prominence system
ASR - Active surge region
SPY - Spray
EPL - Eruptive prominence on limb
APR - Active prominence on limb

2. Location - Location of the flare in heliographic coordinates.
3. Region # (AR) - SESC-assigned active region number.
4. MacIntosh sunspot classification (Mac.) - Three letter descriptive code (Zpc) indicating white light configuration of sunspot group:
 - Z - Modified Zurich class A through H
 - p - Describes penumbra of largest spot in group:
 - x = no penumbra
 - r = rudimentary
 - s = symmetric
 - a = small asymmetric
 - h = large symmetric
 - k = large asymmetric
 - c - Sunspot distribution:
 - x = single spot
 - o = open
 - i = intermediate
 - c = compact
5. Heliocentric angle (H.Ang.) - Value in degrees of the angular displacement between the optical flare location and the actual Sun center point.
6. Carrington Longitude (Carr.Lon.) - Carrington Longitude in degrees of the optical flare location.

Description of discrete frequency radio burst entries:

1. Flux unit peak value above pre-burst background at frequencies of 245, 415, 606, 1415, 2695, 4995, 8800, and 15400 MHz.
 1 flux unit = $10^{-22} \text{ Wm}^{-2}\text{Hz}^{-1}$

Description of sweep frequency radio event entries:

1. Type and intensity of dynamic radio events in the 25-75 MHz range.

Type codes are:

- Type I - Long lived dekametric continuum burst
- Type II - Slow drift burst
- Type III - Fast drift burst
- Type IV - Broadband smooth continuum burst
- Type V - Brief continuum burst associated with Type III

Intensity codes are:

- 1 - minor
- 2 - significant
- 3 - major

Description of GOES entries:

1. Start time - expressed in hour:minute. Start time of X-ray burst (based on one minute averages of 3 second data).
2. Peak time - expressed in hour:minute.

3. End time - expressed in hour:minute. Time when flux level decays to point halfway between maximum level and pre-flare background.
4. Importance - Classification of burst according to peak energy in Wm^{-2} , 1-8Å band. Form of code is Zn where Z is:
 - A - $< 10^{-7}$
 - B - $10^{-7} < 10^{-6}$
 - C - $10^{-6} < 10^{-5}$
 - M - $10^{-5} < 10^{-4}$
 - X - $> 10^{-4}$
 and n is a numerical multiplier from 1 to 9. Thus, a C3 burst indicates a peak flux of $3 \times 10^{-6} \text{ Wm}^{-2}$.
5. Quality Code (Qual) - the code indicates where the GOES X-ray bursts occur in relation to SMM day/night transitions and passages through the South Atlantic Anomaly:
 - O - No correlation of event with GOES data
 - 1 - Entire event observed
 - 2 - Only start of event observed
 - 3 - Start and peak of event observed
 - 4 - Peak and fall of event observed
 - 5 - Only decay of event observed
 - 6 - No GOES data available during event

1980 SOLAR MAXIMUM MISSION EVENT LISTING

Event # = 1		80/02/19	DOY=50		
80/02/19, 07:55	DOY=50	S07W00	Pitch=+0", Yaw=+0", Roll=-32deg	H. Ang=0deg	
Optical	End times	S10E51	Carr. Lon.=325deg	H. Ang=50deg	
GOES 07:45 07:55	08:24	Qual=01			
HXRBs 07:46:50 07:49:35	07:55:32	Tot Cts=20080	MaxkeV=71		
Radio	Frequency(MHz)/Flux(sfu):	4995/253 8800/513			
Event # = 2		80/02/21	DOY=52		
80/02/21, 03:24	DOY=52	S07W00	Pitch=+3", Yaw=+2", Roll=-27deg	H. Ang=0deg	
Optical	End times	S11E29	Mac.=C	H. Ang=29deg	
GOES 03:18 03:24	03:49	Qual=03			
HXRBs 03:21:21 03:22:00	03:22:38	Tot Cts=13967	MaxkeV=71		
Event # = 4		80/02/21	DOY=52		
80/02/21, 04:48	DOY=52	N32W45	Pitch=-249", Yaw=-788", Roll=-27deg	H. Ang=58deg	
GOES 04:46 04:48	04:50	Qual=01			
HXRBs 04:47:03 04:47:38	04:47:54	Qual=01	MaxkeV=50		
Event # = 3		80/02/21	DOY=52		
80/02/21, 17:13	DOY=52	S07W00	Pitch=+3", Yaw=+2", Roll=-27deg	H. Ang=0deg	
Optical	End times	S10E18	Mac.=C	H. Ang=18deg	
GOES 17:10 17:13	17:24	Qual=01			
HXRBs 17:12:40 17:12:45	17:13:20	Qual=01	MaxkeV=50		
Radio	Frequency(MHz)/Flux(sfu):	245/66			
Event # = 5		80/02/22	DOY=53		
80/02/22, 19:07	DOY=53	S07W00	Pitch=+0", Yaw=+0", Roll=0deg	H. Ang=0deg	
Optical	End times	N12E90	Carr. Lon.=240deg	H. Ang=91deg	
GOES 18:59 19:07	19:27	Qual=03			
HXRBs 19:02:00 19:04:35	19:05:00	Tot Cts=3817	MaxkeV=50		
Event # = 20001		80/02/23	DOY=54		
80/02/23, 10:48	DOY=54	S17W11	Pitch=+168", Yaw=-177", Roll=0deg	H. Ang=15deg	
GOES	End times	Qual=00			
HXIS	10:48	Peak....c/s=16			
Event # = 20739		80/02/23	DOY=54		
80/02/23, 10:48	DOY=54	S17W11	Pitch=+168", Yaw=-177", Roll=0deg	H. Ang=15deg	
GOES	End times	Qual=00			
HXIS	10:48	Peak....c/s=16			

80/02/29 DOY=60									
Event # = 18									
80/02/29, 07:34		DOY=60		SMM Pointing:		S21E23		Pitch=+239", Yaw=+354", Roll=0deg	
GOES 07:31		Peak 07:34		End times 07:38		Qual=04		H. Ang=26deg	
HXRBS 07:33:10		07:33:46 07:34:10		Importance=C2		Qual=01			
UVSP 07:33				Peak...c/s=176		Qual=01			
				WaveLength=1561A		Code=00		Tot Cts=3091	
								Exp #=220	
MaxkeV=72									
Rast=120"x120" Step=3" Pitch=-3", Yaw=+401"									
80/03/02 DOY=62									
Event # = 19									
80/03/02, 03:13		DOY=62		SMM Pointing:		S31W02		AR2294	
Optical 02:45		03:13		End times 03:23		N19E21		H. Ang=24deg	
GOES 03:06:48		03:06:52 03:07:38		Importance=C4		Qual=01		H. Ang=33deg	
HXRBS 03:06		03:12 03:24		Peak...c/s=84		Qual=01			
BCS 03:06				CaPeak.c/s=40		Qual=1			
FCS 02:45				WaveLength=1553A		FePeak=03:12			
UVSP 02:45				Type/Intensity: III/1		Exp #=245			
Radio Sweeps									
Radio Frequency (MHz)/Flux(sfu):		410/26 606/15							
80/03/02 DOY=62									
80/03/02, 04:53		DOY=62		SMM Pointing:		S31W02		AR2294	
GOES 04:50		04:53		End times 04:57		Qual=01		H. Ang=23deg	
HXRBS 04:46:10		04:46:40 04:47:50		Importance=C2		Qual=01			
UVSP 04:20				Peak...c/s=56		Qual=01			
				WaveLength=1553A					
								MaxkeV=50	
								Rast=180"x1" Step=0" Pitch=-239", Yaw=-31"	
80/03/02 DOY=62									
80/03/02, 19:06		DOY=62		SMM Pointing:		S04E11		Pitch=-46", Yaw=+186", Roll=3deg	
Optical 19:00		19:06		End times 19:07		S29W73		H. Ang=11deg	
GOES 19:05:20		19:05:40 19:06:05		Ha...Class=SN		AR2309		H. Ang=72deg	
HXRBS 18:45				Importance=C2		Qual=01		Mac.=C	
UVSP 18:45				Peak...c/s=160		Qual=01		Carr. Lon.=284deg	
Radio Frequency (MHz)/Flux(sfu):		245/330 410/49 606/42 1415/44		WaveLength=1337A		Code=01		MaxkeV=72	
				III/1 V/2		Tot Cts=2311		Rast=180"x1" Step=0" Pitch=-287", Yaw=+158"	
						Exp #=253			
80/03/03 DOY=63									
80/03/03, 20:51		DOY=63		SMM Pointing:		S11W17		Pitch=+38", Yaw=-278", Roll=7deg	
GOES 20:49		20:51		End times 20:52		Qual=01		H. Ang=17deg	
HXRBS 20:50:25		20:51:30 20:51:55		Importance=C2		Qual=01			
UVSP 20:21				Peak...c/s=160		Qual=01		MaxkeV=94	
Radio Sweeps				WaveLength=1233A		Code=01		Rast=180"x1" Step=0" Pitch=-197", Yaw=-191"	
Radio Frequency (MHz)/Flux(sfu):		245/130 410/29 606/18 1415/10 2695/16 4995/35 8800/55		III/1 V/2		Tot Cts=3708			
						Exp #=274			
80/03/04 DOY=64									
80/03/04, 01:24		DOY=64		SMM Pointing:		S09W17		Pitch=+41", Yaw=-278", Roll=0deg	
GOES 01:19		01:24		End times 01:26		Qual=01		H. Ang=17deg	
HXRBS 01:21:53		01:22:02 01:24:23		Importance=C3		Qual=01			
				Peak...c/s=90		Qual=01		MaxkeV=51	
						Tot Cts=1273			

Event # = 20010									
80/03/09	17:45	Start	DOY=69	Peak					
Optical	17:43	End times	SMM Pointing:	N06W68					
GOES	17:45	18:07	Ha...Class=SF	N16W70	AR2314				
BCS	17:54	18:06	Importance=C3	Qual=04					
HXIS	17:54		CaPeak.c/s=39	Qual=5	FePeak=17:54				
UVSP	18:42		Peak...c/s=45		Exp #=363				
			Wavelength=1203A						
80/03/10 DOY=70									
80/03/10	22:27	Start	DOY=70	Peak					
Optical	22:25	End times	SMM Pointing:	N04W82					
GOES	22:27	22:35	Importance=C1	Qual=01					
HXRBS	22:26:20	22:27:10	Peak...c/s=62	Qual=01	Tot Cts=510				
UVSP	21:59		Wavelength=1253A	Code=01	Exp #=396				
80/03/13 DOY=73									
80/03/13	14:45	Start	DOY=73	Peak					
GOES	14:43	End times	SMM Pointing:	S24E28					
HXRBS	14:45:20	14:45:45	Importance=B7	Qual=01					
UVSP	15:30	14:49:00	Peak...c/s=138	Qual=01	Tot Cts=15000				
			Wavelength=1213A		Exp #=464				
80/03/14 DOY=74									
80/03/14	21:54	Start	DOY=74	Peak					
GOES	21:48	End times	SMM Pointing:	S27W11					
HXRBS	21:58:00	22:01:20	Importance=B8	Qual=04					
UVSP	21:54	22:07:00	Peak...c/s=105	Qual=01	Tot Cts=13800				
			Wavelength=1214A	Code=02	Exp #=471				
80/03/14 DOY=74									
80/03/14	11:14	Start	DOY=74	Peak					
GOES	11:13:50	End times	SMM Pointing:	S27W11					
HXRBS	11:13:50	11:14:40	Peak...c/s=71	Qual=00					
				Qual=01	Tot Cts=100				
80/03/14 DOY=74									
80/03/14	21:58	Start	DOY=74	Peak					
GOES	21:50	End times	SMM Pointing:	S25W24					
HXRBS	21:56:10	22:07:10	Importance=B6	Qual=04					
UVSP	21:56	22:07:10	Peak...c/s=119	Qual=01	Tot Cts=18543				
			Wavelength=1540A	Code=00	Exp #=497				
80/03/15 DOY=75									
80/03/15	15:53	Start	DOY=75	Peak					
Optical	15:53	End times	SMM Pointing:	S27W39					
GOES	15:53	15:53	Code=ASR	S17E90					
C/P	15:53	Extrap	St=03/15,09:00	PA=120deg					
				Interior mound, disconn. struc. late					

Event # = 4272	DOY=75	SMM Pointing:	S27W40	Pitch=+360", Yaw=-546", Roll=0deg	H. Ang=43deg
80/03/15, 20:20	Peak	End times			
GOES			Qual=00		
HXRBS	20:17:35 20:20:15 20:21:30	Peak...c/s=76	Qual=01	MaxkeV=118	Flags=I
Event # = 34	DOY=75	SMM Pointing:	S27W39	Pitch=+358", Yaw=-544", Roll=0deg	H. Ang=42deg
80/03/15, 21:56	Peak	End times			
GOES			Qual=00		
HXRBS	21:55:16 21:56:57 22:04:16	Peak...c/s=120	Qual=01	MaxkeV=118	Flags=AX
UVSP	22:04	Wavelength=1547A	Tot Cts=16114 Exp #=508	Rast=42"x42"	Pitch=+193", Yaw=-432"
Event # = 36	DOY=76	SMM Pointing:	80/03/16	Pitch=+604", Yaw=-834", Roll=0deg	
80/03/16, 20:18	Peak	End times			
GOES			Qual=06		
HXRBS	20:16:09 20:18:47 20:25:09	Peak...c/s=80	Qual=01	MaxkeV=95	Flags=AX, EW
UVSP	20:16	Wavelength=1215A	Exp #=527	Rast=93"x189"	Step=3" Pitch=+368", Yaw=-873"
Event # = 20017	DOY=76	SMM Pointing:		Pitch=+605", Yaw=-834", Roll=0deg	
80/03/16, 21:55	Peak	End times			
GOES			Qual=06		
HXIS	21:55	Peak...c/s=16		Rast=93"x189"	Step=3" Pitch=+368", Yaw=-873"
UVSP	21:51	Wavelength=1215A	Exp #=529		
Event # = 20018	DOY=76	SMM Pointing:		Pitch=+605", Yaw=-834", Roll=0deg	
80/03/16, 22:30	Peak	End times			
GOES			Qual=01		
HXIS	22:23 22:30	Importance=B9			
UVSP	22:03	Peak...c/s=20 Wavelength=1214A	Code=00	Rast=3"x192"	Step=3" Pitch=+410", Yaw=-873"
Event # = 20019	DOY=77	SMM Pointing:	80/03/17	Pitch=+605", Yaw=-834", Roll=0deg	
80/03/17, 02:00	Peak	End times			
GOES			Qual=03		
HXIS	01:40 02:00	Importance=B8			
UVSP	01:08	Peak...c/s=32 Wavelength=1560A	Code=00	Rast=20"x20"	Step=1" Pitch=+354", Yaw=-869"
Event # = 20020	DOY=77	SMM Pointing:		Pitch=+605", Yaw=-835", Roll=0deg	
80/03/17, 06:51	Peak	End times			
GOES			Qual=03		
HXIS	06:42 06:51	Importance=C1			
UVSP	06:11	Peak...c/s=29 Wavelength=1560A	Code=01	Rast=20"x20"	Step=1" Pitch=+354", Yaw=-856"
Event # = 37	DOY=77	SMM Pointing:	S07W00	Pitch=-2", Yaw=-7", Roll=0deg	H. Ang=0deg
80/03/17, 14:54	Peak	End times			
GOES			Qual=03		
HXRBS	14:43 14:54 14:57	Importance=C2			
UVSP	14:45:47 14:46:20 14:46:47	Peak...c/s=95	Qual=01	MaxkeV=51	Pitch=-251", Yaw=-30"
	15:26	Wavelength=1199A	Tot Cts=741 Exp #=545	Rast=3"x3"	

Event # = 38			80/03/18		DOY=78	
80/03/18,23:25		DOY=78	S07W00		Pitch=+2",Yaw=+2",Roll=0deg	
GOES		Start	End times		H.Ang=0deg	
HRBS		23:24:30	23:25:00	23:26:10	MaxkeV=51	
		Peak....c/s=70		Qual=00		
				Qual=01		
		Tot Cts=100				
Event # = 39			80/03/19		DOY=79	
80/03/19,03:19		DOY=79	S07W00		Pitch=+4",Yaw=+4",Roll=0deg	
Optical		Start	End times		H.Ang=0deg	
GOES		03:18	03:19	03:21	H.Ang=64deg	
HRBS		03:19:20	03:19:40	03:20:00	Mac.=D	
Radio Sweeps		Type/Intensity: V/2	Peak....c/s=72		Carr.Lon.=61deg	
				Qual=01		
				MaxkeV=52		
Event # = 40			80/03/19,08:09		DOY=79	
80/03/19,08:09		DOY=79	S07W00		Pitch=+4",Yaw=+3",Roll=0deg	
Optical		Start	End times		H.Ang=0deg	
GOES		08:05	08:09	08:11	H.Ang=19deg	
HRBS		08:05:45	08:06:40	08:08:10	Mac.=E	
Radio		Frequency(MHz)/Flux(sfu):	606/340	1415/61	Carr.Lon.=347deg	
				Flags=M		
				MaxkeV=218		
				Tot Cts=68580		
				4995/100		
				8800/150		
Event # = 41			80/03/19,14:39		DOY=79	
80/03/19,14:39		DOY=79	S27E05		Pitch=+330",Yaw=+82",Roll=0deg	
Optical		Start	End times		H.Ang=21deg	
GOES		14:35	14:39	14:41	H.Ang=18deg	
HRBS		14:36:30	14:40:20	14:42:40	Carr.Lon.=353deg	
BCS		14:38	14:41	14:44	MaxkeV=52	
FCS		Frequency(MHz)/Flux(sfu):	245/42	410/21	FePeak.c/s=18	
				Rast=0"x0"		
				#Peaks=1		
				Step=0"		
				Cad=.26s		
				XEN=7901		
				0.256s/pixel		
Event # = 42			80/03/19,17:36		DOY=79	
80/03/19,17:36		DOY=79	S27W00		Pitch=+329",Yaw=+2",Roll=0deg	
Optical		Start	End times		H.Ang=20deg	
GOES		17:30	17:36	17:39	H.Ang=21deg	
HRBS		17:36:00	17:37:20	17:41:20	Carr.Lon.=343deg	
BCS		17:29	17:39	17:50	MaxkeV=52	
FCS		Frequency(MHz)/Flux(sfu):	245/42	410/21	FePeak.c/s=55	
				Rast=0"x0"		
				#Peaks=2		
				Step=0"		
				Cad=.26s		
				XEN=7903		
				0.256s/pixel		
Event # = 20024			80/03/20,09:11		DOY=80	
80/03/20,09:11		DOY=80	S27W07		Pitch=+331",Yaw=-99",Roll=0deg	
GOES		Start	End times		H.Ang=21deg	
C/P		09:11	PA=11deg		Qual=00	
				Blob with irregular front		
Event # = 20026			80/03/20,18:56		DOY=80	
80/03/20,18:56		DOY=80	S27W10		Pitch=+333",Yaw=-146",Roll=0deg	
GOES		Start	End times		H.Ang=22deg	
UVSP		18:37	Wavelength=1403A		H.Ang=22deg	
C/P		18:56	PA=231deg		H.Ang=22deg	
				Exp #=601		
				Rast=28"x28"		
				Step=4"		
				Pitch=+351",Yaw=-121"		

Event # = 43		80/03/21		DOY=81	
80/03/21,01:47	DOY=81	SMM Pointing:	S27W13	Pitch=+330" , Yaw=-198" , Roll=0deg	H. Ang=24deg
Optical	End times	Ha...Class=SF	S27W22	Mac.=F	H. Ang=29deg
G0ES 01:32	01:47	Importance=C1	Qual=01	MaxkeV=52	
HXRBS 01:34:55	01:35:20	Peak...c/s=64	Qual=01	Rast=28"x28"	Pitch=+351" , Yaw=-185"
UVSP 01:06		Wavelength=1403A	Code=00	Exp #=605	
Radio Sweeps	Type/Intensity:	I11/2	V/1		
Radio Frequency(MHz)/Flux(sfu):	245/400	606/29	1415/22		
Event # = 4266		80/03/23		DOY=83	
80/03/23,13:59	DOY=81	SMM Pointing:	S27W20	Pitch=+333" , Yaw=-294" , Roll=0deg	H. Ang=27deg
G0ES 13:55	13:59	Importance=C1	Qual=01	MaxkeV=52	Flags=1
HXRBS 13:56:20	13:56:40	Peak...c/s=68	Qual=01		
Event # = 20035		80/03/23		DOY=83	
80/03/23,04:38	DOY=83	SMM Pointing:	S28W37	Pitch=+370" , Yaw=-506" , Roll=0deg	H. Ang=41deg
Optical	End times	Code=APR	S25W90	Carr. Lon.=33deg	H. Ang=87deg
G0ES			Qual=00		
C/P 04:38	Extrap St=03/23,03:30	PA=231deg			
Event # = 20036		80/03/23		DOY=83	
80/03/23,12:07	DOY=83	SMM Pointing:	S28W40	Pitch=+371" , Yaw=-548" , Roll=0deg	H. Ang=43deg
Optical	End times	Ha...Class=IN	S27W48	Mac.=F	H. Ang=50deg
G0ES 12:02	12:07	Importance=C2	Qual=04		
HXIS 12:11		Peak...c/s=43		Rast=6"x6"	Pitch=+368" , Yaw=-658"
UVSP 12:11		Wavelength=1547A	Code=02	Exp #=668	
Radio Frequency(MHz)/Flux(sfu):	245/55	410/33	606/150	1415/14	2695/8
Event # = 44		80/03/23,17:01		DOY=83	
80/03/23,17:01	DOY=83	SMM Pointing:	N05E23	Pitch=-190" , Yaw=+375" , Roll=0deg	H. Ang=26deg
Optical	End times	Ha...Class=LB	S27W46	Carr. Lon.=342deg	H. Ang=48deg
G0ES 16:54	17:01	Importance=C7	Qual=04	MaxkeV=73	Flags=SM
HXRBS 16:58:10	16:58:10	Peak...c/s=95	Qual=02	FePeak.c/s=24	#Peaks=1
BGS 17:02	17:02	CaPeak.c/s=161	Qual=1	Rast=0"x0"	Cad=.26s
FCS 17:11	17:11	Peak3...c/s=76			XEN=8301
HXIS 17:01		Peak...c/s=296			0.256s/pixel
UVSP 17:01		Wavelength=1535A	Code=02	Exp #=672	
Radio Frequency(MHz)/Flux(sfu):	410/34	606/25	1415/26	2695/28	4995/21 8800/13
Event # = 45		80/03/23,19:21		DOY=83	
80/03/23,19:21	DOY=83	SMM Pointing:	S28W50	Pitch=+383" , Yaw=-650" , Roll=0deg	H. Ang=51deg
G0ES 19:20	19:21	Importance=C1	Qual=01	MaxkeV=73	
HXRBS 19:21:00	19:21:40	Peak...c/s=180	Qual=01	Rast=180"x180"	Pitch=+374" , Yaw=-677"
UVSP 18:41		Wavelength=1548A	Code=00	Tot Cts=2660	
				Exp #=675	

80/03/24 DOY=84			
Event # = 20038			
80/03/24, 00:13	Start	DOY=84	
GOES 00:05	00:13	Peak	
BCS 00:09	00:11	00:12	
HXIS 00:12			
UVSP 23:25			
SMM Pointing: S28W53			
Importance=C2			
CaPeak.c/s=32			
Peak...c/s=56			
Wavelength=1534A			
Code=00			
Exp #=680			
FePeak=00:11			
Qual=1			
FePeak.c/s=13			
#Peaks=1			
dt= 6.0s			
XEN=8403			
Rast=3"x3"			
Step=0"			
Pitch=+366", Yaw=-737"			
Pitch=+383", Yaw=-682", Roll=0deg			
H.Ang=54deg			
Event # = 46			
80/03/24, 08:06	Start	DOY=84	
GOES 08:03	08:06	Peak	
HXRBS 08:04:30	08:05:20	08:05:45	
BCS 08:04	08:05	08:08	
FCS 08:05	08:05	08:08	
HXIS 08:05	08:05	08:08	
UVSP 07:36			
SMM Pointing: S27W57			
Importance=C1			
Peak...c/s=490			
CaPeak.c/s=57			
Peak3...c/s=519			
Peak...c/s=112			
Wavelength=1547A			
Code=00			
Exp #=690			
Tot Cts=12800			
FePeak=08:05			
Qual=1			
MaxkeV=96			
FePeak.c/s=22			
#Peaks=1			
Cad=.26s			
XEN=8401			
Rast=0"x0"			
Step=0"			
Pitch=+380", Yaw=-744"			
Rast=6"x6"			
Step=3"			
Pitch=+386", Yaw=-716", Roll=0deg			
H.Ang=58deg			
Event # = 20653			
80/03/24, 11:09	Start	DOY=84	
GOES 10:52	11:09	Peak	
UVSP 11:09	11:09	Peak	
C/P	11:09	Peak	
SMM Pointing: S27W58			
Importance=C1			
Peak...c/s=370			
Wavelength=1215A			
PA=230deg			
Code=00			
Exp #=693			
Elongated loop			
Rast=240"x240"			
Step=3"			
Pitch=+344", Yaw=-782"			
Pitch=+383", Yaw=-724", Roll=0deg			
H.Ang=58deg			
Event # = 47			
80/03/24, 13:59	Start	DOY=84	
GOES 13:56	13:59	Peak	
HXRBS 13:58:05	13:58:25	13:58:45	
UVSP 13:49			
SMM Pointing: S27W61			
Importance=C1			
Peak...c/s=370			
Wavelength=1215A			
Code=00			
Exp #=695			
Tot Cts=2261			
MaxkeV=96			
Rast=240"x240"			
Step=3"			
Pitch=+449", Yaw=+868"			
Pitch=+492", Yaw=+920", Roll=0deg			
H.Ang=61deg			
Event # = 48			
80/03/24, 15:29	Start	DOY=84	
Optical 15:26	15:29	Peak	
GOES 15:28:40	15:29:00	15:29:20	
HXRBS 15:25			
UVSP 15:25			
SMM Pointing: S27W61			
Ha...Class=SN			
Importance=C1			
Peak...c/s=120			
Wavelength=1534A			
Code=00			
Exp #=698			
Tot Cts=1106			
MaxkeV=52			
Rast=3"x3"			
Step=0"			
Pitch=+416", Yaw=-853"			
Mac.=D			
Carr. Lon.=273deg			
H.Ang=16deg			
Pitch=+386", Yaw=-748", Roll=0deg			
H.Ang=61deg			
Event # = 30			
80/03/24, 15:44	Start	DOY=84	
Optical 15:36	15:44	Peak	
GOES 15:35:40	15:36:00	15:36:50	
HXRBS 15:25			
UVSP 15:25			
SMM Pointing: S27W61			
Ha...Class=IN			
Importance=C1			
Peak...c/s=75			
Wavelength=1534A			
Code=00			
Exp #=698			
Tot Cts=33			
MaxkeV=52			
Rast=3"x3"			
Step=0"			
Pitch=+416", Yaw=-853"			
Mac.=CA0			
Carr. Lon.=213deg			
H.Ang=75deg			
Pitch=+386", Yaw=-758", Roll=0deg			
H.Ang=62deg			
Event # = 8464			
80/03/24, 23:58	Start	DOY=84	
HXRBS 23:58:00	23:58:02	23:58:05	
UVSP 23:26			
SMM Pointing: S27W62			
Peak...c/s=55			
Wavelength=1520A			
Code=00			
Exp #=708			
Tot Cts=33			
MaxkeV=52			
Rast=6"x6"			
Step=3"			
Pitch=+381", Yaw=-812"			
Flags=NS			
Step=3"			
Pitch=+381", Yaw=-812"			

80/03/25		DOY=85		80/03/25		DOY=85	
Event # = 49	80/03/25,01:31	DOY=85	Peak	SMM Pointing:	S27W64	Pitch=+385", Yaw=-777", Roll=0deg	H. Ang=64deg
Optical	Start	End times		Ha...Class=SB		Carr. Lon.=353deg	H. Ang=74deg
GOES	01:23	01:31	01:38	Importance=C2	Qual=01		
HXRBS	01:24:00	01:24:30	01:25:00	Peak...c/s=68	Qual=01		
BGS	01:25	01:31	01:40	CaPeak.c/s=57	Qual=1	#Peaks=1 dt= 6.0s	XEN=8501
FCS		01:38		Peak3...c/s=677		Step=0" Cad=.26s	0.256s/pixel
HXIS		01:25		Peak...c/s=111			
UVSP	01:03			Wavelength=1520A	Code=00	Step=3" Pitch=+382", Yaw=-812"	
Event # = 50	80/03/25,01:54	DOY=85	Peak	SMM Pointing:	S27W64	Pitch=+385", Yaw=-777", Roll=0deg	H. Ang=64deg
Optical	Start	End times		Ha...Class=IN		Carr. Lon.=298deg	H. Ang=28deg
GOES	01:45	01:54	02:00	Importance=C4	Qual=03		
HXRBS	01:49:30	01:49:50	01:54:00	Peak...c/s=130	Qual=01		
UVSP	01:03			Wavelength=1520A	Code=00	Step=3" Pitch=+382", Yaw=-812"	
Event # = 51	80/03/25,04:31	DOY=85	Peak	SMM Pointing:	S27W66	Pitch=+387", Yaw=-784", Roll=0deg	H. Ang=65deg
Optical	Start	End times		Ha...Class=1B		Carr. Lon.=351deg	H. Ang=74deg
GOES	04:26	04:31	04:39	Importance=C8	Qual=01		
HXRBS	04:26:00	04:28:30	04:29:10	Peak...c/s=520	Qual=01		
BGS	04:27	04:30	04:37	CaPeak.c/s=162	Qual=1	#Peaks=1	XEN=8504
FCS		04:32		Peak3...c/s=1404		Step=0" Cad=.26s	0.256s/pixel
HXIS		04:29		Peak...c/s=361			
UVSP	04:30			Wavelength=1520A	Code=00	Step=3" Pitch=+425", Yaw=-751"	
C/P	04:53	Extrap St=03/25,04:25	PA=240deg				
Radio Sweeps	Type/Intensity:	111/1					
Radio Frequency(MHz)/Flux(sfu):	245/130	410/30	606/5	Associated Event # = 52			
HXRBS	04:49:37	04:49:40	04:50:07	Peak...c/s=78	Qual=01	MaxkeV=74	
Event # = 53	80/03/25,13:53	DOY=85	Peak	SMM Pointing:	N08E04	Pitch=-250", Yaw=+64", Roll=0deg	H. Ang=16deg
Optical	Start	End times		Ha...Class=SF		Carr. Lon.=214deg	H. Ang=65deg
GOES	13:49	13:53	14:05	Importance=C2	Qual=04	Carr. Lon.=213deg	H. Ang=62deg
HXRBS	13:50:00	13:53:00	13:54:00	Peak...c/s=65	Qual=01	MaxkeV=52	
Event # = 54	80/03/25,14:06	DOY=85	Peak	SMM Pointing:	N08E04	Pitch=-250", Yaw=+64", Roll=0deg	H. Ang=16deg
Optical	Start	End times		Ha...Class=SF		Carr. Lon.=294deg	H. Ang=37deg
GOES	14:05	14:06	14:16	Importance=C1	Qual=01	Mac.=A	
HXRBS	14:05:10	14:05:27	14:05:40	Peak...c/s=63	Qual=01	MaxkeV=52	

Event # = 55									
80/03/25,17:19	Start	DOY=85	Peak	End times	SMM Pointing:	S25W74	Pitch=+376",Yaw=-837",Roll=0deg	H.Ang=72deg	
Optical					Ha...Class=SN				
GOES	17:15	17:19		17:25	Importance=C2	Qual=01	Mac.=CSO	Carr.Lon.=212deg	H.Ang=60deg
HXRBS	17:16:40	17:17:40	17:18:50		Peak...c/s=265	Qual=01	MaxkeV=167		
UVSP	17:01				Wavelength=1547A	Code=00	Rast=120"x120"	Step=3"	Pitch=+397",Yaw=-840"
Event # = 56									
80/03/25,19:25	Start	DOY=85	Peak	End times	SMM Pointing:	S25W73	Pitch=+377",Yaw=-836",Roll=0deg	H.Ang=72deg	
GOES	19:22	19:25		19:28	Importance=C1	Qual=01			
HXRBS	19:24:30	19:24:35	19:25:10		Peak...c/s=110	Qual=01	MaxkeV=74		
Radio	Frequency(MHz)/Flux(sfu):	410/190	606/13	1415/9	2695/1000	8800/9			
Event # = 59									
80/03/25,20:45	Start	DOY=85	Peak	End times	SMM Pointing:	S25W77	Pitch=+376",Yaw=-852",Roll=0deg	H.Ang=75deg	
Optical					Ha...Class=SN				
GOES	20:43	20:45	21:05		Importance=C5	Qual=03	Mac.=C	Carr.Lon.=293deg	H.Ang=32deg
HXRBS	20:43:00	20:50:20	21:01:00		Peak...c/s=80	Qual=01	MaxkeV=52		
Radio	Sweeps	Type/Intensity:	II/2						
Event # = 20595									
80/03/25,21:46	Start	DOY=85	Peak	End times	SMM Pointing:	S25W76	Pitch=+379",Yaw=-849",Roll=0deg	H.Ang=75deg	
Optical					Ha...Class=SN				
GOES	21:43	21:46	22:00		Importance=C2	Qual=01	Mac.=BX0	Carr.Lon.=341deg	H.Ang=73deg
BCS	21:45	21:46	21:48		CaPeak.c/s=47	Qual=1	FePeak.c/s=20	#Peaks=1	XEN=8506
FCS	21:47	21:47			Peak3...c/s=20		Rast=0"x0"	Step=0"	0.256s/pixel
Radio	Sweeps	Type/Intensity:	V/2						
Radio	Frequency(MHz)/Flux(sfu):	245/1400							
BCS	21:51	21:51	21:53		CaPeak.c/s=23		FePeak.c/s=10	#Peaks=2	XEN=8507
FCS	21:51	21:51			Peak3...c/s=13		Rast=0"x0"	Step=0"	0.256s/pixel
Event # = 57									
80/03/25,22:03	Start	DOY=85	Peak	End times	SMM Pointing:	S25W76	Pitch=+379",Yaw=-849",Roll=0deg	H.Ang=75deg	
GOES	22:00	22:03	22:06		Importance=C2	Qual=01			
HXRBS	22:00:50	22:02:00	22:02:30		Peak...c/s=95	Qual=01	MaxkeV=74		
BCS	22:03	22:04	22:05		CaPeak.c/s=24	Qual=1	FePeak.c/s=9	#Peaks=1	XEN=8509
FCS	22:04	22:04			Peak3...c/s=14		Rast=0"x0"	Step=0"	0.256s/pixel
HXIS	22:03	22:03			Peak...c/s=72				
Event # = 58									
80/03/26,00:04	Start	DOY=86	Peak	End times	SMM Pointing:	S25W78	Pitch=+379",Yaw=-854",Roll=0deg	H.Ang=76deg	
Optical					Ha...Class=1B				
GOES	00:01	00:04	00:09		Importance=C6	Qual=03	Mac.=CSO	Carr.Lon.=214deg	H.Ang=55deg
HXRBS	00:02:30	00:07:20	00:09:10		Peak...c/s=700	Qual=01	MaxkeV=274		
BCS	00:04	00:07	00:09		CaPeak.c/s=68	Qual=1	FePeak.c/s=24	#Peaks=1	dt= 9.1s
HXIS	00:07	00:07			Peak...c/s=82				XEN=8600
Radio	Sweeps	Type/Intensity:	II/2 III/2 V/3						
Radio	Frequency(MHz)/Flux(sfu):	1415/28	2695/140	4995/150	8800/140	15400/78			

Event # = 20048	DOY=86	SMM Pointing:	S25W80	Pitch=+379", Yaw=-863", Roll=0deg	H. Ang=78deg
80/03/26, 01:03	Start	End times	Qual=00		
GOES	01:03	Extrap	St=03:26, 23:05	PA=99deg	
C/C/P	01:03	Extrap	St=03:26, 23:05	PA=99deg	
GOES	01:03	Extrap	St=03:26, 23:05	PA=99deg	
C/C/P	01:03	Extrap	St=03:26, 23:05	PA=99deg	
Event # = 20049	DOY=86	SMM Pointing:	S25W84	Pitch=+393", Yaw=-869", Roll=0deg	H. Ang=82deg
80/03/26, 06:35	Start	End times			
Optical	06:23	06:41	AR2352	Mac.=B	H. Ang=34deg
GOES	06:35	06:38			
HXBS	06:38				
UVSP	05:53				
Event # = 20049	DOY=86	SMM Pointing:	S25W84	Pitch=+393", Yaw=-869", Roll=0deg	H. Ang=82deg
80/03/26, 06:35	Start	End times			
Optical	06:23	06:41	AR2352	Mac.=B	H. Ang=34deg
GOES	06:35	06:38			
HXBS	06:38				
UVSP	05:53				
Event # = 20049	DOY=86	SMM Pointing:	S25W84	Pitch=+393", Yaw=-869", Roll=0deg	H. Ang=82deg
80/03/26, 06:35	Start	End times			
Optical	06:23	06:41	AR2352	Mac.=B	H. Ang=34deg
GOES	06:35	06:38			
HXBS	06:38				
UVSP	05:53				
Event # = 20049	DOY=86	SMM Pointing:	S25W84	Pitch=+393", Yaw=-869", Roll=0deg	H. Ang=82deg
80/03/26, 06:35	Start	End times			
Optical	06:23	06:41	AR2352	Mac.=B	H. Ang=34deg
GOES	06:35	06:38			
HXBS	06:38				
UVSP	05:53				
Event # = 20049	DOY=86	SMM Pointing:	S25W84	Pitch=+393", Yaw=-869", Roll=0deg	H. Ang=82deg
80/03/26, 06:35	Start	End times			
Optical	06:23	06:41	AR2352	Mac.=B	H. Ang=34deg
GOES	06:35	06:38			
HXBS	06:38				
UVSP	05:53				
Event # = 20049	DOY=86	SMM Pointing:	S25W84	Pitch=+393", Yaw=-869", Roll=0deg	H. Ang=82deg
80/03/26, 06:35	Start	End times			
Optical	06:23	06:41	AR2352	Mac.=B	H. Ang=34deg
GOES	06:35	06:38			
HXBS	06:38				
UVSP	05:53				
Event # = 20049	DOY=86	SMM Pointing:	S25W84	Pitch=+393", Yaw=-869", Roll=0deg	H. Ang=82deg
80/03/26, 06:35	Start	End times			
Optical	06:23	06:41	AR2352	Mac.=B	H. Ang=34deg
GOES	06:35	06:38			
HXBS	06:38				
UVSP	05:53				
Event # = 20049	DOY=86	SMM Pointing:	S25W84	Pitch=+393", Yaw=-869", Roll=0deg	H. Ang=82deg
80/03/26, 06:35	Start	End times			
Optical	06:23	06:41	AR2352	Mac.=B	H. Ang=34deg
GOES	06:35	06:38			
HXBS	06:38				
UVSP	05:53				
Event # = 20049	DOY=86	SMM Pointing:	S25W84	Pitch=+393", Yaw=-869", Roll=0deg	H. Ang=82deg
80/03/26, 06:35	Start	End times			
Optical	06:23	06:41	AR2352	Mac.=B	H. Ang=34deg
GOES	06:35	06:38			
HXBS	06:38				
UVSP	05:53				
Event # = 20049	DOY=86	SMM Pointing:	S25W84	Pitch=+393", Yaw=-869", Roll=0deg	H. Ang=82deg
80/03/26, 06:35	Start	End times			
Optical	06:23	06:41	AR2352	Mac.=B	H. Ang=34deg
GOES	06:35	06:38			
HXBS	06:38				
UVSP	05:53				
Event # = 20049	DOY=86	SMM Pointing:	S25W84	Pitch=+393", Yaw=-869", Roll=0deg	H. Ang=82deg
80/03/26, 06:35	Start	End times			
Optical	06:23	06:41	AR2352	Mac.=B	H. Ang=34deg
GOES	06:35	06:38			
HXBS	06:38				
UVSP	05:53				
Event # = 20049	DOY=86	SMM Pointing:	S25W84	Pitch=+393", Yaw=-869", Roll=0deg	H. Ang=82deg
80/03/26, 06:35	Start	End times			
Optical	06:23	06:41	AR2352	Mac.=B	H. Ang=34deg

Event # = 20052		80/03/27		DOY=87	
80/03/27,00:59		S29W87		Pitch=+462",Yaw=-840",Roll=0deg	
GOES Start		End times		H.Ang=84deg	
00:44		01:22			
GOES 00:59		Importance=C1			
HXIS 00:58		Peak...c/s=32			
UVSP 00:58		Wavelength=1547A		Pitch=+419",Yaw=-896"	
		Code=00		Step=3"	
		Exp #=754			
Event # = 20053		S29W88		Pitch=+463",Yaw=-840",Roll=0deg	
80/03/27,03:16		Qual=01		H.Ang=85deg	
GOES Start		End times			
03:03		03:21			
GOES 03:16		Importance=C1			
HXIS 03:14		Peak...c/s=61			
UVSP 02:33		Wavelength=1535A		Pitch=+450",Yaw=-858"	
		Exp #=757			
Event # = 63		S29W88		Pitch=+463",Yaw=-840",Roll=0deg	
80/03/27,04:14		Qual=04		H.Ang=85deg	
Optical Start		End times			
04:13		04:15			
GOES 04:14		Ha...Class=SN			
HXRS 04:13:00		Importance=C1		Carr.Lon.=181deg	
UVSP 04:10		Peak...c/s=78		H.Ang=75deg	
Radio Frequency(MHz)/Flux(sfu):		Qual=02			
		Wavelength=1547A		Flags=SA	
		Code=00		MaxkeyV=52	
		Exp #=759		Rast=240"x240"	
		245/23 410/160 606/31		Pitch=+419",Yaw=-896"	
Event # = 20055		S29W88		Pitch=+463",Yaw=-840",Roll=0deg	
80/03/27,05:10		Qual=03		H.Ang=85deg	
GOES Start		End times			
04:58		05:26			
GOES 05:10		Importance=C2			
HXIS 05:03		Peak...c/s=50			
UVSP 04:27		Wavelength=1547A		Pitch=+479",Yaw=-836"	
		Code=01			
		Exp #=761			
Event # = 20056		N12W50		Pitch=-271",Yaw=-718",Roll=0deg	
80/03/27,05:52		Qual=00		H.Ang=53deg	
GOES Start		End times			
05:53		06:30			
GOES 05:53		Importance=C1			
UVSP 05:52		Peak...c/s=50			
C/P 05:52		Wavelength=1547A		Pitch=-321",Yaw=-779"	
		PA=200deg			
Event # = 64		S30W84		Pitch=+462",Yaw=-833",Roll=0deg	
80/03/27,07:41		Qual=01		H.Ang=82deg	
GOES Start		End times			
07:30		07:50			
GOES 07:41		Importance=C4			
HXRS 07:40:30		Peak...c/s=110			
BCS 07:32		Qual=01			
FCS 07:39		Qual=1			
HXIS 07:48		CaPeak.c/s=182		MaxkeyV=74	
UVSP 07:37		Peak3...c/s=560		FePeak.c/s=47	
		Peak...c/s=304		#Peaks=1	
		Wavelength=1547A		Step=0"	
		Code=00		Cad=.26s	
		Exp #=766		XEN=8702	
				0.256s/pixel	
Event # = 20057		S30W84		Pitch=+457",Yaw=-851",Roll=0deg	
80/03/27,09:39		Qual=01			
GOES Start		End times			
09:30		09:48			
GOES 09:39		Importance=C1			
HXIS 09:40		Peak...c/s=40			
UVSP 09:13		Wavelength=1547A		Pitch=+479",Yaw=-843"	
		Code=00			
		Exp #=770			

Event # = 65	SMM Pointing:	End times	DOY=87	Pitch=+457", Yaw=-851", Roll=0deg
80/03/27, 09:53	Importance=C1	Start	Peak	
G0ES 09:48	Peak...c/s=79	10:04	09:53	
HXRBS 09:50:30	WaveLength=1547A	09:52:20	09:51:20	MaxkeV=52
UVSP 09:13	Code=00		Exp #=770	Rast=120"x120" Step=3" Pitch=+479", Yaw=-843"
Event # = 66	SMM Pointing:	End times	DOY=87	Pitch=+457", Yaw=-851", Roll=0deg
80/03/27, 10:56	Importance=C2	Start	Peak	
G0ES 10:44	Peak...c/s=92	11:10	10:56	
HXRBS 10:45:20	CaPeak...c/s=97	10:49:00	10:46:30	MaxkeV=74
BCS 10:47	Peak3...c/s=623	11:09	10:54	FePeak.c/s=26 #Peaks=1
FCS 11:07	Peak...c/s=165		11:07	Rast=0"x0" Cad=.26s XEN=8705
HXIS 10:52	WaveLength=1535A		10:52	Step=0" Pitch=+387", Yaw=-888"
UVSP 10:56	Code=02		Exp #=772	Rast=3"x3" Step=0" Pitch=+387", Yaw=-888"
Event # = 67	SMM Pointing:	End times	DOY=87	Pitch=+463", Yaw=-840", Roll=0deg
80/03/27, 13:12	Ha...Class=SN	Start	Peak	
Optical 12:42	Importance=M2	16:00	13:12	Mac.=DK0 Carr. Lon.=176deg H. Ang=85deg
G0ES 12:42	Peak...c/s=700	13:09:00	12:59:00	AR2363
HXRBS 12:17:00	WaveLength=1547A		13:45	Tot Cts=3.70E+5 MaxkeV=274
UVSP 13:45	245/120 410/130			Rast=240"x240" Step=3" Pitch=+419", Yaw=-896"
Radio	Associated Event # = 20054			4995/700 8800/950
G0ES 03:09	CaPeak.c/s=37	03:33	03:28	dt= 9.1s XEN=8701
BCS 03:27	Peak3...c/s=318		03:27	Rast=0"x0" Cad=.26s 0.256s/pixel
FCS 04:10	WaveLength=1547A			Rast=240"x240" Step=3" Pitch=+419", Yaw=-896"
UVSP 14:03	Peak...c/s=40		14:13	Exp #=759 Event # = 20058
HXIS 14:03	WaveLength=1547A			Exp #=778
Event # = 20059	SMM Pointing:	End times	DOY=87	Pitch=-8", Yaw=+2", Roll=0deg
80/03/27, 15:23	Importance=M2	Start	Peak	
G0ES 15:23	Peak...c/s=24	17:45	15:23	Rast=240"x240" Step=3" Pitch=+395", Yaw=-912"
HXIS 15:23	WaveLength=1215A			Exp #=780
UVSP 15:23	Code=00			Rast=120"x120" Step=3" Pitch=+464", Yaw=-843"
Event # = 20060	SMM Pointing:	End times	DOY=87	Pitch=+449", Yaw=-848", Roll=0deg
80/03/27, 17:40	Importance=C1	Start	Peak	
G0ES 17:32	Peak...c/s=24	17:45	17:40	H. Ang=85deg
HXIS 17:38	WaveLength=1215A		17:38	
UVSP 17:09	Code=00			Exp #=783

Event # = 72										
80/03/28, 09:12	DOY=88	SMM Pointing:			N22E57	Pitch=-414", Yaw=+752", Roll=0deg		H.Ang=63deg		
Start	Peak	End times								
GOES 09:09	09:12	09:15			Qual=01					
GOES 09:09	09:12	09:13:00			Importance=C1					
HXRBS 09:11:40	09:12:10				Peak...c/s=94					
UVSP 09:06					Wave length=1215A					
Tot Cts=1040										
Exp #804										
MaxkeV=96										
Rast=240"x240" Step=3" Pitch=-478", Yaw=+686"										
Pitch=-414", Yaw=+752", Roll=0deg										
H.Ang=63deg										
Event # = 73										
80/03/28, 09:50	DOY=88	SMM Pointing:			N22E57	Pitch=-414", Yaw=+752", Roll=0deg		H.Ang=63deg		
Start	Peak	End times								
GOES 09:47	09:50	09:53			Qual=01					
GOES 09:47	09:50	09:53			Importance=C1					
HXRBS 09:47:50	09:48:50	09:49:00			Peak...c/s=85					
UVSP 09:21					Wave length=1215A					
Tot Cts=700										
Exp #805										
MaxkeV=96										
Rast=120"x120" Step=3" Pitch=-409", Yaw=+755"										
Pitch=-414", Yaw=+752", Roll=0deg										
H.Ang=63deg										
Event # = 74										
80/03/28, 09:57	DOY=88	SMM Pointing:			N22E57	Pitch=-414", Yaw=+752", Roll=0deg		H.Ang=63deg		
Start	Peak	End times								
Optical 09:53	09:57	10:00			Ha...Class=1N					
GOES 09:53	09:57	10:00			Importance=M1					
HXRBS 09:54:20	09:56:30	09:57:00			Qual=01					
HXRBS 09:54:20	09:56:30	09:57:00			Peak...c/s=4100					
BCS 09:54	09:54	09:56			CaPeak.c/s=22					
FCS 09:55	09:55				Peak3...c/s=246					
HXIS 09:55	09:55				Peak...c/s=502					
UVSP 09:21					Wave length=1215A					
Frequency (MHz)/Flux(sfu): 245/370 410/190 606/480 1415/120 2695/200 4995/210 8800/220 15400/230										
Pitch=-414", Yaw=+752", Roll=0deg										
H.Ang=63deg										
Mac.=EKC Carr. Lon.=189deg										
H.Ang=54deg										
Tot Cts=1.20E+5										
FePeak.c/s=8										
Flags=M										
#Peaks=1										
Rast=0"x0" Cad=.26s										
Step=0"										
XEN=8805										
0.256s/pixel										
Pitch=-414", Yaw=+752", Roll=0deg										
H.Ang=63deg										
Event # = 75										
80/03/28, 20:04	DOY=88	SMM Pointing:			N22E46	Pitch=-427", Yaw=+638", Roll=0deg		H.Ang=53deg		
Start	Peak	End times								
Optical 19:58	20:04	20:16			Ha...Class=1B					
GOES 20:07:50	20:08:20	20:19:50			Importance=M2					
HXRBS 20:07:50	20:08:20	20:19:50			Peak...c/s=65					
UVSP 20:09					Wave length=1547A					
Exp #822										
Flags=SN										
Step=3" Pitch=-482", Yaw=+582"										
Rast=240"x240" Step=3" Pitch=-482", Yaw=+582"										
Mac.=EAO Carr. Lon.=227deg										
H.Ang=20deg										
Pitch=-427", Yaw=+638", Roll=0deg										
Event # = 76										
80/03/28, 21:00	DOY=88	SMM Pointing:			N22E46	Pitch=-427", Yaw=+640", Roll=0deg		H.Ang=53deg		
Start	Peak	End times								
Optical 20:53	21:00	21:07			Ha...Class=SN					
GOES 20:53	21:00	21:07			Importance=C4					
HXRBS 20:53:20	20:53:55	20:55:00			Peak...c/s=170					
HXRBS 20:53:20	20:53:55	20:55:00			Qual=01					
UVSP 20:29					Wave length=1547A					
Exp #824										
Rast=120"x120" Step=3" Pitch=-422", Yaw=+642"										
Pitch=-427", Yaw=+640", Roll=0deg										
H.Ang=53deg										
Mac.=EAO Carr. Lon.=234deg										
H.Ang=16deg										
MaxkeV=96										
Rast=120"x120" Step=3" Pitch=-422", Yaw=+642"										
Exp #824										
Rast=120"x120" Step=3" Pitch=-422", Yaw=+642"										
Pitch=-427", Yaw=+640", Roll=0deg										
H.Ang=53deg										
Mac.=EAO Carr. Lon.=234deg										
H.Ang=16deg										
MaxkeV=96										
Rast=120"x120" Step=3" Pitch=-422", Yaw=+642"										
Exp #824										
Rast=120"x120" Step=3" Pitch=-422", Yaw=+642"										
Pitch=-427", Yaw=+640", Roll=0deg										
H.Ang=53deg										
Mac.=EAO Carr. Lon.=234deg										
H.Ang=16deg										
MaxkeV=96										
Rast=120"x120" Step=3" Pitch=-422", Yaw=+642"										
Exp #824										
Rast=120"x120" Step=3" Pitch=-422", Yaw=+642"										
Pitch=-427", Yaw=+640", Roll=0deg										
H.Ang=53deg										
Mac.=EAO Carr. Lon.=234deg										
H.Ang=16deg										
MaxkeV=96										
Rast=120"x120" Step=3" Pitch=-422", Yaw=+642"										
Exp #824										
Rast=120"x120" Step=3" Pitch=-422", Yaw=+642"										
Pitch=-427", Yaw=+640", Roll=0deg										
H.Ang=53deg										
Mac.=EAO Carr. Lon.=234deg										
H.Ang=16deg										
MaxkeV=96										
Rast=120"x120" Step=3" Pitch=-422", Yaw=+642"										
Exp #824										
Rast=120"x120" Step=3" Pitch=-422", Yaw=+642"										
Pitch=-427", Yaw=+640", Roll=0deg										
H.Ang=53deg										
Mac.=EAO Carr. Lon.=234deg										
H.Ang=16deg										
MaxkeV=96										
Rast=120"x120" Step=3" Pitch=-422", Yaw=+642"										
Exp #824										
Rast=120"x120" Step=3" Pitch=-422", Yaw=+642"										
Pitch=-427", Yaw=+640", Roll=0deg										
H.Ang=53deg										
Mac.=EAO Carr. Lon.=234deg										
H.Ang=16deg										
MaxkeV=96										
Rast=120"x120" Step=3" Pitch=-422", Yaw=+642"										
Exp #824										
Rast=120"x120" Step=3" Pitch=-422", Yaw=+642"										
Pitch=-427", Yaw=+640", Roll=0deg										
H.Ang=53deg										
Mac.=EAO Carr. Lon.=234deg										
H.Ang=16deg										
MaxkeV=96										
Rast=120"x120" Step=3" Pitch=-422", Yaw=+642"										
Exp #824										
Rast=120"x120" Step=3" Pitch=-422", Yaw=+642"										
Pitch=-427", Yaw=+640", Roll=0deg										
H.Ang=53deg										
Mac.=EAO Carr. Lon.=234deg										
H.Ang=16deg										
MaxkeV=96										
Rast=120"x120" Step=3" Pitch=-422", Yaw=+642"										
Exp #824										
Rast=120"x120" Step=3" Pitch=-422", Yaw=+642"										
Pitch=-427", Yaw=+640", Roll=0deg										
H.Ang=53deg										
Mac.=EAO Carr. Lon.=234deg										
H.Ang=16deg										
MaxkeV=96										
Rast=120"x120" Step=3" Pitch=-422", Yaw=+642"										
Exp #824										
Rast=120"x120" Step=3" Pitch=-422", Yaw=+642"										
Pitch=-427", Yaw=+640", Roll=0deg										
H.Ang=53deg										
Mac.=EAO Carr. Lon.=234deg										
H.Ang=16deg										
MaxkeV=96										
Rast=120"x120" Step=3" Pitch=-422", Yaw=+642"										
Exp #824										
Rast=120"x120" Step=3" Pitch=-422", Yaw=+642"										
Pitch=-427", Yaw=+640", Roll=0deg										
H.Ang=53deg										
Mac.=EAO Carr. Lon.=234deg										
H.Ang=16deg										
MaxkeV=96										
Rast=120"x120" Step=3" Pitch=-422", Yaw=+642"										
Exp #824										
Rast=120"x120" Step=3" Pitch=-422", Yaw=+642"										
Pitch=-427", Yaw=+640", Roll=0deg										
H.Ang=53deg										
Mac.=EAO Carr. Lon.=234deg										
H.Ang=16deg										
MaxkeV=96										
Rast=120"x120" Step=3" Pitch=-422", Yaw=+642"										
Exp #824										
Rast=120"x120" Step=3" Pitch=-422", Yaw=+642"										
Pitch=-427", Yaw=+640", Roll=0deg										
H.Ang=53deg										
Mac.=EAO Carr. Lon.=234deg										
H.Ang=16deg										
MaxkeV=96										
Rast=120"x120" Step=3" Pitch=-422", Yaw=+642"										
Exp #824										
Rast=120"x120" Step=3" Pitch=-422", Yaw=+642"										
Pitch=-427", Yaw=+640", Roll=0deg										
H.Ang=53deg										
Mac.=EAO Carr. Lon.=234deg										
H.Ang=16deg										
MaxkeV=96										
Rast=120"x120" Step=3" Pitch=-422", Yaw=+642"										
Exp #824										
Rast=120"x120" Step=3" Pitch=-422", Yaw=+642"										
Pitch=-427", Yaw=+640", Roll=0deg										
H.Ang=53deg										
Mac.=EAO Carr. Lon.=234deg										
H.Ang=16deg										
MaxkeV=96										
Rast=120"x120" Step=3" Pitch=-422", Yaw=+642"										
Exp #824										
Rast=120"x120" Step=3" Pitch=-422", Yaw=+642"										
Pitch=-427", Yaw=+640", Roll=0deg										
H.Ang=53deg										
Mac.=EAO Carr. Lon.=234deg										
H.Ang=16deg										
MaxkeV=96										
Rast=120"x120" Step=3" Pitch=-422", Yaw=+642"										
Exp #824										
Rast=120"x120" Step=3" Pitch=-422", Yaw=+642"										
Pitch=-427", Yaw=+640", Roll=0deg										
H.Ang=53deg										
Mac.=EAO Carr. Lon.=234deg										
H.Ang=16deg										
MaxkeV=96										
Rast=120"x120" Step=3" Pitch=-422", Yaw=+642"										
Exp #824										
Rast=120"x120" Step=3" Pitch=-422", Yaw=+642"										
Pitch=-427", Yaw=+640", Roll=0deg										
H.Ang=53deg										
Mac.=EAO Carr. Lon.=234deg										
H.Ang=16deg										
MaxkeV=96										
Rast=120"x120" Step=3" Pitch=-422", Yaw=+642"										
Exp #824										
Rast=120"x120" Step=3" Pitch=-422", Yaw=+642"										
Pitch=-427", Yaw=+640", Roll=0deg										
H.Ang=53deg										
Mac.=EAO Carr. Lon.=234deg										
H.Ang=16deg										
MaxkeV=96										
Rast=120"x120" Step=3" Pitch=-422", Yaw=+642"										
Exp #824										
Rast=120"x120" Step=3" Pitch=-422", Yaw=+642"										
Pitch=-427", Yaw=+640", Roll=0deg										
H.Ang=53deg										
Mac.=EAO Carr. Lon.=234deg										
H.Ang=16deg										
MaxkeV=96										
Rast=120"x120" Step=3" Pitch=-422", Yaw=+642"										
Exp #824										
Rast=120"x120" Step=3" Pitch=-422", Yaw=+642"										
Pitch=-427", Yaw=+640", Roll=0deg										
H.Ang=53deg										
Mac.=EAO Carr. Lon.=234deg										
H.Ang=16deg										
MaxkeV=96										
Rast=120"x120" Step=3" Pitch=-422", Yaw=+642"										
Exp #824										
Rast=120"x120" Step=3" Pitch=-422", Yaw=+642"										
Pitch=-427", Yaw=+640", Roll=0deg										
H.Ang=53deg										
Mac.=EAO Carr. Lon.=234deg										
H.Ang=16deg										
MaxkeV=96										
Rast=120"x120" Step=3" Pitch=-422", Yaw=+642"										
Exp #824										
Rast=120"x120" Step=3" Pitch=-422", Yaw=+642"										
Pitch=-427", Yaw=+640", Roll=0deg										
H.Ang=53deg										
Mac.=EAO Carr. Lon.=234deg										
H.Ang=16deg										
MaxkeV=96										
Rast=120"x120" Step=3" Pitch=-422", Yaw=+642"										
Exp #824										
Rast=120"x120" Step=3" Pitch=-422", Yaw=+642"										
Pitch=-427", Yaw=+640", Roll=0deg										
H.Ang=53deg										
Mac.=EAO Carr. Lon.=234deg										
H.Ang=16deg										
MaxkeV=96										
Rast=120"x120" Step=3" Pitch=-422", Yaw=+642"										
Exp #824										
Rast=120"x120" Step=3" Pitch=-422", Yaw=+642"										
Pitch=-427", Yaw=+640", Roll=0deg										
H.Ang=53deg										
Mac.=EAO Carr. Lon.=234deg										
H.Ang=16deg										
MaxkeV=96										
Rast=120"x120" Step=3" Pitch=-422", Yaw=+642"										
Exp #824										
Rast=120"x120" Step=3" Pitch=-422", Yaw=+642"										
Pitch=-427", Yaw=+640", Roll=0deg										
H.Ang=53deg										
Mac.=EAO Carr. Lon.=234deg										
H.Ang=16deg										
MaxkeV=96										
Rast=120"x120" Step=3" Pitch=-422", Yaw=+642"										
Exp #824										
Rast=120"x120" Step=3" Pitch=-422", Yaw=+642"										
Pitch=-427", Yaw=+640", Roll=0deg										
H.Ang=53deg										
Mac.=EAO Carr. Lon.=234deg										
H.Ang=16deg										
MaxkeV=96										
Rast=120"x120" Step=3" Pitch=-422", Yaw=+642"										
Exp #824										
Rast=120"x120" Step=3" Pitch=-422", Yaw=+642"										
Pitch=-427", Yaw=+640", Roll=0deg										
H.Ang=53deg										
Mac.=EAO Carr. Lon.=234deg										
H.Ang=16deg										
MaxkeV=96										
Rast=120"x120" Step=3" Pitch=-422", Yaw=+642"										
Exp #824										
Rast=120"x120" Step=3" Pitch=-422", Yaw=+642"										
Pitch=-427", Yaw=+640", Roll=0deg										
H.Ang=53deg										
Mac.=EAO Carr. Lon.=234deg										
H.Ang=16deg										
MaxkeV=96										
Rast=120"x120" Step=3" Pitch=-422", Yaw=+642"										
Exp #824										
Rast=120"x120" Step=3" Pitch=-422", Yaw=+642"										
Pitch=-427", Yaw=+640", Roll=0deg										
H.Ang=53deg										
Mac.=EAO Carr. Lon.=234deg										
H.Ang=16deg										
MaxkeV=96										
Rast=120"x120" Step=3" Pitch=-422", Yaw=+642"										
Exp #824										
Rast=120"x120" Step=3" Pitch=-422", Yaw=+642"										
Pitch=-427", Yaw=+640", Roll=0deg										
H.Ang=53deg										
Mac.=EAO Carr. Lon.=234deg										
H.Ang=16deg										
MaxkeV=96										
Rast=120"x120" Step=3" Pitch=-422", Yaw=+642"										
Exp #824										
Rast=120"x120" Step=3" Pitch=-422", Yaw=+642"										
Pitch=-427", Yaw=+640", Roll=0deg										
H.Ang=53deg										
Mac.=EAO Carr. Lon.=234deg										
H.Ang=16deg										
MaxkeV=96										
Rast=120"x120" Step=3" Pitch=-422", Yaw=+642"										
Exp #824										
Rast=120"x120" Step=3" Pitch=-422", Yaw=+642"										
Pitch=-427", Yaw=+640", Roll=0deg										
H.Ang=53deg										
Mac.=EAO Carr. Lon.=234deg										
H.Ang=16deg										
MaxkeV=96										
Rast=120"x120" Step=3" Pitch=-422", Yaw=+642"										
Exp #824										
Rast=120"x120" Step=3" Pitch=-422", Yaw=+642"										
Pitch=-427", Yaw=+640", Roll=0deg										
H.Ang=53deg										
Mac.=EAO Carr. Lon.=234deg										
H.Ang=16deg										
MaxkeV=96										
Rast=120"x120" Step=3" Pitch=-422", Yaw=+642"										
Exp #824										
Rast=120"x120" Step=3" Pitch=-422", Yaw=+642"										
Pitch=-427", Yaw=+640", Roll=0deg										
H.Ang=53deg										
Mac.=EAO Carr. Lon.=234deg										
H.Ang=16deg										
MaxkeV=96										
Rast=120"x120" Step=3" Pitch=-422", Yaw=+642"										
Exp #824										
Rast=120"x120" Step=3" Pitch=-422", Yaw=+642"										
Pitch=-427", Yaw=+640", Roll=0deg										
H.Ang=53deg										
Mac.=EAO Carr. Lon.=234deg										
H.Ang=16deg										
MaxkeV=96										
Rast=120"x120" Step=3" Pitch=-422", Yaw=+642"										
Exp #824										
Rast=120"x120" Step=3" Pitch=-422", Yaw=+642"										
Pitch=-427", Yaw=+640", Roll=0deg										
H.Ang=53deg										
Mac.=EAO Carr. Lon.=234deg										
H.Ang=16deg										
MaxkeV=96										
Rast=120"x120" Step=3" Pitch=-422", Yaw=+642"										
Exp #824										
Rast=120"x120" Step=3" Pitch=-422", Yaw=+642"										
Pitch=-427", Yaw=+640", Roll=0deg										
H.Ang=53deg										
Mac.=EAO Carr. Lon.=234deg										
H.Ang=16deg										
MaxkeV=96										
Rast=120"x120" Step=3" Pitch=-422", Yaw=+642"										
Exp #824										
Rast=120"x120" Step=3" Pitch=-422", Yaw=+642"										
Pitch=-427", Yaw=+640", Roll=0deg										
H.Ang=53deg										
Mac.=EAO Carr. Lon.=234deg										
H.Ang=16deg										
MaxkeV=96										
Rast=120"x120" Step=3" Pitch=-422", Yaw=+642"										
Exp #824										
Rast=120"x120" Step=3" Pitch=-422", Yaw=+642"										
Pitch=-427", Yaw=+640", Roll=0deg										
H.Ang=53deg										
Mac.=EAO Carr. Lon.=234deg										
H.Ang=16deg										
MaxkeV=96										
Rast=120"x120" Step=3" Pitch=-422", Yaw=+642"										
Exp #824										
Rast=120"x120" Step=3" Pitch=-422", Yaw=+642"										
Pitch=-427", Yaw=+640", Roll=0deg										
H.Ang=53deg										
Mac.=EAO Carr. Lon.=234deg										
H.Ang=16deg										
MaxkeV=96										
Rast=120"x120" Step=3" Pitch=-422", Yaw=+642"										
Exp #824										
Rast=120"x120" Step=3" Pitch=-422", Yaw=+642"										
Pitch=-427", Yaw=+640", Roll=0deg										
H.Ang=53deg										
Mac.=EAO Carr. Lon.=234deg										
H.Ang=16deg										
MaxkeV=96										
Rast=120"x120" Step=3" Pitch=-422", Yaw=+642"										
Exp #824										
Rast=120"x120" Step=3" Pitch=-422", Yaw=+642"										
Pitch=-427", Yaw=+640", Roll=0deg										
H.Ang=53deg										
Mac.=EAO Carr. Lon.=234deg										
H.Ang=16deg										
MaxkeV=96										
Rast=120"x120" Step=3" Pitch=-422", Yaw=+642"										
Exp #824										
Rast=120"x120" Step=3" Pitch=-422", Yaw=+642"										
Pitch=-427", Yaw=+640", Roll=0deg										
H.Ang=53deg										
Mac.=EAO Carr. Lon.=234deg										
H.Ang=16deg										
MaxkeV=96										
R										

Event # = 77
80/03/28, 22:01 DOY=88
Start Peak
Optical
GOES 21:55 22:01 22:09
HXRS 21:57:20 21:59:10 22:05:40
UVSP 21:59
Radio Sweeps
Radio Frequency (MHz)/Flux(sfu):
Type/Intensity:
SMM Pointing: N22E44
Ha...Class=1B
Importance=M4
Peak...c/s=3000
Wavelength=1535A
Code=00
V/3
245/8200 410/3200 606/19000 1415/2400 2695/150 4995/73 8800/280 15400/270
Associated Event # = 20656
WaveLength=1547A
PA=212deg
Irregular structured blob
Pitch=-427", Yaw=+620", Roll=0deg
Mac.=EAO
Carr. Lon.=231deg
Flags=FS
Step=0" Pitch=-487", Yaw=+632"
Rast=3"x3"
Rast=120"x120" Step=3" Pitch=-422", Yaw=+624"
UVSP 22:04
C/P 22:13

Event # = 78
80/03/29, 01:27 DOY=89
Start Peak
Optical
GOES 01:18 01:27 01:35
HXRS 01:09:00 01:11:00 01:15:00
BCS 01:08 01:26 01:56
FCS 01:33
HXIS 01:27
UVSP 01:16
HXRS 01:25:00 01:25:30 01:27:00
SMM Pointing: N21E42
Ha...Class=1B
Ha...Class=SW
Importance=C6
Peak...c/s=77
CaPeak...c/s=179
Peak3...c/s=677
Peak...c/s=242
WaveLength=1547A
Code=00
Associated Event # = 79
Qual=01
Pitch=-427", Yaw=+600", Roll=0deg
Mac.=EKI
Carr. Lon.=221deg
Carr. Lon.=214deg
MaxkeV=74
FePeak...c/s=35
Rast=0"x0" dt= 6.0s XEN=8901
Step=0" Cad=.26s 0.256s/pixel
Rast=120"x120" Step=3" Pitch=-422", Yaw=+604"
MaxkeV=52

Event # = 80
80/03/29, 03:32 DOY=89
Start Peak
Optical
GOES 03:27 03:32 03:36
HXRS 03:29:10 03:29:30 03:31:40
UVSP 02:53
Radio Sweeps
Radio Frequency (MHz)/Flux(sfu):
Type/Intensity:
SMM Pointing: N21E42
Ha...Class=1B
Importance=C2
Peak...c/s=280
Wavelength=1547A
Code=00
III/3
245/500 410/74 606/510 1415/8
Pitch=-427", Yaw=+601", Roll=0deg
Mac.=DSO
Carr. Lon.=233deg
H. Ang=50deg
MaxkeV=143
Rast=120"x120" Step=3" Pitch=-422", Yaw=+604"
Tot Cts=3031
Exp #=836

Event # = 81
80/03/29, 04:42 DOY=89
Start Peak
Optical
GOES 04:36 04:42 04:46
HXRS 04:36:50 04:37:20 04:37:40
UVSP 04:28
Radio Sweeps
Radio Frequency (MHz)/Flux(sfu):
Type/Intensity:
SMM Pointing: N21E40
Ha...Class=SF
Importance=C1
Peak...c/s=100
Wavelength=1547A
Code=00
III/2
Associated Event # = 82
Qual=01
Pitch=-427", Yaw=+580", Roll=0deg
Mac.=DSO
Carr. Lon.=233deg
H. Ang=48deg
MaxkeV=52
Rast=120"x120" Step=3" Pitch=-422", Yaw=+584"
Tot Cts=508
Exp #=839
MaxkeV=74

Event # = 88									
80/03/29, 09:41	DOY=89	Start	End times	SMM Pointing:	N21E39		Pitch=-427", Yaw=+560", Roll=0deg	H. Ang=47deg	
Optical				Ha...Class=SN					
GOES 09:39	09:41	09:45		Importance=C7	Qual=01	AR2363	Mac.=EKI	Carr. Lon.=179deg	H. Ang=53deg
HXRBS 09:40:05	09:41:23	09:42:35		Peak...c/s=680	Qual=01		MaxkeV=143		
UVSP 09:15				Wavelength=1547A	Code=00		Rast=120"x120"	Step=3"	Pitch=-422", Yaw=+564"
Radio	Frequency (MHz)/Flux(sfu):			410/1100 606/72 1415/1800 2695/43 4995/55 8800/990					
Event # = 89									
80/03/29, 09:56	DOY=89	Start	End times	SMM Pointing:	N21E39		Pitch=-427", Yaw=+560", Roll=0deg	H. Ang=47deg	
Optical				Ha...Class=SB					
GOES 09:53	09:56	10:00		Importance=M1	Qual=03	AR2357	Mac.=DSO	Carr. Lon.=231deg	H. Ang=17deg
HXRBS 09:54:40	09:55:15	09:56:20		Peak...c/s=8000	Qual=03		Tot Cts=1.20E+5	MaxkeV=461	Flags=EN
GRS 09:55:05		09:55:38		Max.E..MeV= 0.8			Nuclear.Line=N	>10MeV=N	Neutrons=N
UVSP 09:15				Wavelength=1547A	Code=01		Rast=120"x120"	Step=3"	Pitch=-422", Yaw=+564"
Radio	Type/Intensity:			V/3					Dur=33sec
Radio	Frequency (MHz)/Flux(sfu):			245/170 410/790 606/2900 1415/12000 2695/110 4995/110 8800/370 15400/380					
Event # = 90									
80/03/29, 10:42	DOY=89	Start	End times	SMM Pointing:	N21E37		Pitch=-427", Yaw=+537", Roll=0deg	H. Ang=45deg	
GOES 10:40	10:42	10:43		Importance=C1	Qual=01				
HXRBS 10:42:30	10:42:40	10:43:10		Peak...c/s=56	Qual=01		MaxkeV=52		
UVSP 10:32				Wavelength=1547A	Code=00		Rast=240"x240"	Step=3"	Pitch=-482", Yaw=+504"
Radio	Frequency (MHz)/Flux(sfu):			245/94 410/200 606/330					
Event # = 20659									
80/03/29, 10:48	DOY=89	Start	End times	SMM Pointing:	N21E37		Pitch=-427", Yaw=+537", Roll=0deg	H. Ang=45deg	
GOES 10:47				Wavelength=1535A	Qual=06				
UVSP C/P	10:48	Extrap St=03/29, 10:15		PA=235deg			Rast=3"x3"	Step=0"	Pitch=-499", Yaw=+550"
Event # = 92									
80/03/29, 12:17	DOY=89	Start	End times	SMM Pointing:	N21E37		Pitch=-427", Yaw=+537", Roll=0deg	H. Ang=45deg	
GOES 12:16:40	12:17:00	12:17:10		Peak...c/s=96	Qual=00		MaxkeV=52		
HXRBS 12:09				Wavelength=1547A	Qual=01		Rast=240"x240"	Step=3"	Pitch=-482", Yaw=+482"
UVSP									
Event # = 91									
80/03/29, 12:26	DOY=89	Start	End times	SMM Pointing:	N21E37		Pitch=-427", Yaw=+537", Roll=0deg	H. Ang=45deg	
GOES 12:15	12:26	12:15		Importance=C1	Qual=01				
HXRBS 12:07:50	12:08:10	12:08:40		Peak...c/s=71	Qual=01		MaxkeV=52		
BCS 12:09	12:09	12:11		CaPeak.c/s=24	Qual= 5		FePeak.c/s=8	#Peaks=1	XEN=8910
FCS 12:09				Peak3...c/s=191			Rast=0"x0"	Step=0"	Cad=.26s 0.256s/pixel
UVSP 12:22				Wavelength=1535A	Code=00		Rast=3"x3"	Step=0"	Pitch=-499", Yaw=+538"
Radio	Frequency (MHz)/Flux(sfu):			245/1400 410/23 2695/16					

Event # = 99									
80/03/29	20:42	DOY=89							
Optical	Start	Peak	End times	SMM Pointing:	N25E36		Pitch=-484", Yaw=+509", Roll=0deg	H. Ang=47deg	
GOES	20:38	20:42	20:45	Ha...Class=SN	N25E36	AR2363	Mac.=EKI Carr. Lon.=179deg	H. Ang=47deg	
HXRBS	20:40:00	20:41:40	20:44:00	Importance=C2	Qual=01	Tot Cts=6930	MaxkeV=74		
BCS	20:40	20:42	20:56	Peak...c/s=210	Qual=01	FePeak=20:42	FePeak.c/s=41 #Peaks=2 dt= 6.0s	XEN=8918	
FCS		20:43		CaPeak.c/s=99	Qual= 1		Rast=180"x180" Step=15" Cad= 147s	1.024s/pixel	
HXIS		20:42		Peak3...c/s=732					
UVSP	20:26			Peak...c/s=152		Exp #=869	Rast=120"x120" Step=3" Pitch=-479", Yaw=+508"		
Event # = 100									
80/03/29	20:51	DOY=89							
Optical	Start	Peak	End times	SMM Pointing:	N25E36		Pitch=-484", Yaw=+509", Roll=0deg	H. Ang=47deg	
GOES	20:45	20:51	20:55	Ha...Class=SN	N28E34	AR2363	Mac.=EKI Carr. Lon.=181deg	H. Ang=48deg	
HXRBS	20:46:00	20:48:50	20:51:30	Importance=C3	Qual=01	Tot Cts=7299	MaxkeV=74		
UVSP	20:26			Peak...c/s=125	Qual=01	Exp #=869	Rast=120"x120" Step=3" Pitch=-479", Yaw=+508"		
Event # = 20079									
80/03/29	23:45	DOY=89							
Optical	Start	Peak	End times	SMM Pointing:	N25E33		Pitch=-483", Yaw=+482", Roll=0deg	H. Ang=45deg	
GOES	23:42	23:45	23:50	Importance=C2	Qual=01		FePeak.c/s=7 #Peaks=1	XEN=8920	
BCS	23:48	23:48	23:48	CaPeak.c/s=20	Qual= 1	FePeak=23:48	Rast=120"x120" Step=3" Pitch=-479", Yaw=+486"		
UVSP	23:38			Wavelength=1547A	Code=00	Exp #=875			
Event # = 20081									
80/03/29	23:58	DOY=89							
Optical	Start	Peak	End times	SMM Pointing:	N25E33		Pitch=-483", Yaw=+482", Roll=0deg	H. Ang=45deg	
GOES	23:54	23:58	00:00	Ha...Class=SF	N26E31	AR2363	Mac.=EKI Carr. Lon.=182deg	H. Ang=44deg	
BCS	23:54	23:57	23:58	Importance=C1	Qual=01		FePeak.c/s=10 #Peaks=1 dt= 6.0s	XEN=8921	
FCS		23:55		CaPeak.c/s=24	Qual= 1	FePeak=23:57	Rast=180"x180" Step=15" Cad= 147s	1.024s/pixel	
UVSP	23:38			Peak3...c/s=238		Exp #=875	Rast=120"x120" Step=3" Pitch=-479", Yaw=+486"		
Event # = 101									
80/03/30	00:07	DOY=90							
Optical	Start	Peak	End times	SMM Pointing:	N25E33		Pitch=-483", Yaw=+482", Roll=0deg	H. Ang=45deg	
GOES	00:06	00:07	00:12	Ha...Class=SF	S26W85	AR2351	Mac.=EKI Carr. Lon.=298deg	H. Ang=83deg	
HXRBS	00:05:40	00:06:10	00:06:30	Importance=C2	Qual=01	Tot Cts=563	MaxkeV=52		
UVSP	23:38			Peak...c/s=90	Qual=01	Exp #=875	Rast=120"x120" Step=3" Pitch=-479", Yaw=+486"		
Event # = 102									
80/03/30	02:52	DOY=90							
Optical	Start	Peak	End times	SMM Pointing:	N25E32		Pitch=-483", Yaw=+459", Roll=0deg	H. Ang=44deg	
GOES	02:43	02:52	02:56	Ha...Class=SF	S28W06	AR2356	Mac.=CS0 Carr. Lon.=217deg	H. Ang=22deg	
HXRBS	02:52:35	02:52:45	02:52:55	Importance=C2	Qual=01	Tot Cts=806	MaxkeV=74		
UVSP	02:50			Peak...c/s=57	Qual=01	Exp #=881	Rast=120"x120" Step=3" Pitch=-479", Yaw=+464"		
Radio	Frequency(MHz)/Flux(sfu): 245/110 410/190								

Event # = 103									
80/03/30,03:04	D0Y=90	End times	SMM Pointing:	N25E32	Pitch=-483" , Yaw=+459" , Roll=0deg	H. Ang=44deg			
Start	Peak								
Optical			Ha....Class=SN	N26E29	Mac.=EKI Carr. Lon.=182deg	H. Ang=43deg			
G0ES 03:00	03:04	03:07	Importance=C2	Qual=01					
HXRBS 03:02:20	03:02:40	03:04:10	Peak...c/s=140	Tot Cts=2970	MaxkeV=74	dt= 3.0s			
BCS 03:02	03:04	03:07	CaPeak.c/s=39	Qual=1	FePeak.c/s=11	#Peaks=1			
FCS	03:05		Peak3...c/s=242	FePeak=03:05	Rast=180"x180"	Step=15"			
UVSP			Wavelength=1547A	Exp #=881	Rast=120"x120"	Pitch=-479" , Yaw=+464"			
Radio	Frequency(MHz)/Flux(sfu):	245/76 410/200							
Event # = 104									
80/03/30,03:20	D0Y=90	End times	SMM Pointing:	N25E32	Pitch=-483" , Yaw=+459" , Roll=0deg	H. Ang=44deg			
Start	Peak								
Optical			Ha....Class=SF	N26E29	Mac.=EKI Carr. Lon.=182deg	H. Ang=43deg			
G0ES 03:14	03:20	03:31	Importance=C1	Qual=01					
HXRBS 03:22:20	03:22:35	03:22:50	Peak...c/s=82	Tot Cts=390	MaxkeV=74	Pitch=-479" , Yaw=+464"			
UVSP 02:50			Wavelength=1547A	Exp #=881	Rast=120"x120"	Step=3"			
Radio	Frequency(MHz)/Flux(sfu):	410/36 606/380							
Event # = 20597									
80/03/30,07:36	D0Y=90	End times	SMM Pointing:	N24E28	Pitch=-483" , Yaw=+413" , Roll=0deg	H. Ang=41deg			
Start	Peak								
G0ES 07:36	07:36	07:37	CaPeak.c/s=22	Qual=06	FePeak.c/s=7	#Peaks=1			
BCS 07:36			Wavelength=1402A	Qual=1	Rast=60"x60"	Step=4"			
UVSP 07:33									
Event # = 20611									
80/03/30,07:39	D0Y=90	End times	SMM Pointing:	N24E28	Pitch=-483" , Yaw=+413" , Roll=0deg	H. Ang=41deg			
Start	Peak								
G0ES 07:39	07:39	07:39	CaPeak.c/s=19	Qual=06	FePeak.c/s=6	#Peaks=1			
BCS 07:39			Wavelength=1402A	Qual=1	Rast=60"x60"	Step=4"			
UVSP 07:33									
Event # = 105									
80/03/30,07:44	D0Y=90	End times	SMM Pointing:	N24E28	Pitch=-483" , Yaw=+413" , Roll=0deg	H. Ang=41deg			
Start	Peak								
Optical			Ha....Class=SF	N22E30	Mac.=EKI Carr. Lon.=179deg	H. Ang=41deg			
G0ES 07:49:15	07:50:00	07:50:10	Peak....c/s=62	Qual=06	MaxkeV=52	dt= 6.0s			
HXRBS 07:42	07:44	07:48	CaPeak.c/s=30	Qual=01	FePeak.c/s=9	#Peaks=1			
BCS 07:42	07:45		Peak3...c/s=244	Qual=1	Rast=180"x180"	Cad= 147s			
FCS			Wavelength=1402A	Exp #=888	Pitch=-501" , Yaw=+398"	Step=15"			
UVSP 07:33									
Event # = 20091									
80/03/30,14:06	D0Y=90	End times	SMM Pointing:	N24E26	Pitch=-483" , Yaw=+390" , Roll=0deg	H. Ang=40deg			
Start	Peak								
G0ES 13:52			Wavelength=1402A	Qual=00	Rast=60"x60"	Step=4"			
UVSP			PA=64deg	Exp #=896	Pitch=-505" , Yaw=+351"				
C/P	14:06	Extrap	St=03/30,13:35						

Event # = 106									
80/03/30	15:24	DOY=90	SMM Pointing:		N26E26	Pitch=-504", Yaw=+381", Roll=0deg		H. Ang=41deg	
GOES	15:14	Peak	End times						
GOES	15:14	15:24	15:32	Importance=C1	Qual=04				
HXRBS	15:25:00	15:25:40	15:26:40	Peak...c/s=134	Qual=01	Tot Cts=1980			
UVSP									
Radio Sweeps	Type/Intensity:	III/2	V/3						Pitch=-572", Yaw=+322"
Radio	Frequency(MHz)/Flux(sfu):	245/130	410/130	606/170	4995/14	8800/28			
Event # = 20092									
80/03/30	16:55	DOY=90	SMM Pointing:		N26E26	Pitch=-504", Yaw=+381", Roll=0deg		H. Ang=41deg	
Optical	Start	Peak	End times						
GOES	16:50	16:55	16:58	Ha...Class=SN	N23E28	AR2363			
BCS	16:55	16:55	17:00	Importance=C2	Qual=05				H. Ang=40deg
FCS				CaPeak.c/s=62	Qual=1	FePeak=16:55			XEN=9009
HXIS				Peak3...c/s=17		Rast=0"x0"	Cad=3840s		3840s/pixel
UVSP				Peak...c/s=98					Pitch=-563", Yaw=+313"
Event # = 107									
80/03/30	18:46	DOY=90	SMM Pointing:		S06W01	Pitch=-5", Yaw=-9", Roll=0deg		H. Ang=1deg	
Optical	Start	Peak	End times						
Optical				Ha...Class=SN	N13W11	AR2359			
GOES	18:39	18:46	18:49	Ha...Class=SB	N10W13	AR2361			H. Ang=22deg
HXRBS	18:41:10	18:41:50	18:46:10	Importance=C2	Qual=01				H. Ang=21deg
UVSP				Peak...c/s=194	Qual=01	Tot Cts=3931			
Radio	Frequency(MHz)/Flux(sfu):	245/210					Flags=ND		Pitch=+11", Yaw=+6"
Event # = 108									
80/03/30	20:49	DOY=90	SMM Pointing:		N26E23	Pitch=-506", Yaw=+342", Roll=0deg		H. Ang=39deg	
Optical	Start	Peak	End times						
GOES	20:46	20:49	20:54	Ha...Class=SN	N11W16	AR2359			
HXRBS	20:49:15	20:49:45	20:50:10	Importance=C1	Qual=01				H. Ang=24deg
UVSP				Peak...c/s=190	Qual=01	Tot Cts=1416			
Radio Sweeps	Type/Intensity:	V/2							Pitch=-506", Yaw=+349"
Radio	Frequency(MHz)/Flux(sfu):	245/210	410/280	606/300					
Event # = 109									
80/03/31	01:18	DOY=91	SMM Pointing:		N26E22	Pitch=-508", Yaw=+328", Roll=0deg		H. Ang=39deg	
Optical	Start	Peak	End times						
GOES	01:14	01:18	01:21	Ha...Class=SF	N26E16	AR2363			
HXRBS	01:15:35	01:17:40	01:17:55	Importance=C2	Qual=01				H. Ang=36deg
BCS	01:17	01:19	01:20	Peak...c/s=210	Qual=01	Tot Cts=1933			
FCS				CaPeak.c/s=38	Qual=1	FePeak=01:19			XEN=9101
HXIS				Peak3...c/s=451		Rast=180"x180"	#Peaks=1 dt= 3.0s		1.024s/pixel
UVSP				Peak...c/s=64			Step=15" Cad= 147s		
Radio Sweeps	Type/Intensity:	III/1		Wavelength=1548A	Code=00	Exp #=914			Pitch=-455", Yaw=+325"

Event # = 20094		SMM Pointing:		N26E20	Pitch=-509", Yaw=+303", Roll=0deg		H. Ang=38deg
80/03/31, 03:31	DOY=91	End times	Importance=C1				
Start	Peak	03:33	CaPeak.c/s=21				
GOES 03:28	03:31	03:32	Wavelength=1548A				
BCS 03:30	03:31		Code=00				
UVSP 02:37			Exp #=916				
Radio Sweeps	Type/Intensity:	111/1	Rast=8"x8"		Step=4" Pitch=-455", Yaw=+316"		
Event # = 20096		SMM Pointing:		N26E17	Pitch=-508", Yaw=+253", Roll=0deg		H. Ang=36deg
80/03/31, 10:31	DOY=91	End times	Ha...Class=SN				
Start	Peak	10:35	Importance=C3				
Optical		10:32	CaPeak.c/s=33				
GOES 10:26	10:31		Peak3..c/s=419				
BCS 10:31	10:31		Wavelength=1331A				
FCS 10:31	10:31		Code=02				
UVSP 10:32			Exp #=929				
Event # = 110		SMM Pointing:		N26E18	Pitch=-508", Yaw=+263", Roll=0deg		H. Ang=36deg
80/03/31, 11:25	DOY=91	End times	Ha...Class=SN				
Start	Peak	11:27	Ha...Class=SN				
Optical		11:24:10	Importance=C2				
GOES 11:23	11:25	11:26	Peak...c/s=500				
HXRBS 11:23:40	11:24:10	11:26	CaPeak.c/s=29				
BCS 11:24	11:25	11:24	Peak3..c/s=551				
FCS 10:39	11:24		Wavelength=1350A				
UVSP 10:39			Code=00				
Radio	Frequency(MHz)/Flux(sfu):	410/2300 606/440	Exp #=931				
Event # = 35		SMM Pointing:		N26E18	Pitch=-508", Yaw=+263", Roll=0deg		H. Ang=36deg
80/03/31, 11:29	DOY=91	End times	Ha...Class=SN				
Start	Peak	11:31	Importance=C2				
Optical		11:30:25	Peak...c/s=280				
GOES 11:27	11:29	11:30	CaPeak.c/s=61				
HXRBS 11:29:10	11:29:30	11:30	Peak3..c/s=341				
BCS 11:28	11:29	11:29	Wavelength=1350A				
FCS 11:29	11:29		Code=00				
UVSP 10:39			Exp #=931				
Event # = 20661		SMM Pointing:		N28E14	Pitch=-538", Yaw=+208", Roll=0deg		H. Ang=37deg
80/03/31, 17:00	DOY=91	End times	Wavelength=1547A				
Start	Peak	16:56	PA=136deg				
GOES 16:56	17:00	17:00	Exp #=942				
UVSP 17:00	Extrap	St=03/31, 14:55	Circular loop, sharp interior spike				
C/P			Step=3" Pitch=-599", Yaw=+155"				

Event # = 880									
80/03/31,17:07	DOY=91	Peak	End times	SMM Pointing:	N28E14		Pitch=-538", Yaw=+208", Roll=0deg	H. Ang=37deg	
Optical				Ha...Class=SB	N26E10	AR2363	Mac.=EKI	Carr. Lon.=180deg	H. Ang=34deg
GOES 17:04	17:07	17:12		Importance=C3	Qual=01		MaxkeV=167		
HXRBS 17:08:30	17:07:39	17:09:10		Peak...c/s=214	Qual=01	Tot Cts=1673	FePeak.c/s=36	#Peaks=1	XEN=9100
BCS 17:06	17:07	17:09		CaPeak.c/s=103	Qual=1	FePeak=17:07	Rast=180"x180"	Step=15"	Cad= 147s 1.024s/pixel
FCS 17:08	17:08			Peak3...c/s=1158					
HXIS 17:08	17:08			Peak...c/s=165					
UVSP 16:56				WaveLength=1547A	Code=00	Exp #=942	Rast=240"x240"	Step=3"	Pitch=-599", Yaw=+155"
				Associated	Qual=01	Event # = 111			
HXRBS 17:05:15	17:05:22	17:05:28		Peak...c/s=82		Tot Cts=92	MaxkeV=97		
				Associated	Qual=01	Event # = 204			
HXRBS 17:06:40	17:07:04	17:07:44		Peak...c/s=130	Qual=01	Tot Cts=1049	MaxkeV=97		
80/04/01 DOY=92									
Event # = 112									
80/04/01,03:04	DOY=92	Peak	End times	SMM Pointing:	N28E07		Pitch=-546", Yaw=+107", Roll=0deg	H. Ang=35deg	
GOES 03:00	03:04	03:06		Importance=C1	Qual=01		MaxkeV=52		
HXRBS 03:00:25	03:00:50	03:01:15		Peak...c/s=70	Qual=01	Tot Cts=240	Rast=120"x120"	Step=3"	Pitch=-543", Yaw=+118"
UVSP 02:50				WaveLength=1547A	Code=00	Exp #=962			
Radio Sweeps			Type/Intensity:	III/I					
Event # = 113									
80/04/01,09:45	DOY=92	Peak	End times	SMM Pointing:	N28E06		Pitch=-543", Yaw=+84", Roll=0deg	H. Ang=35deg	
Optical				Ha...Class=SN	N29E06				
GOES 09:42	09:45	09:54		Importance=C1	Qual=01		Carr. Lon.=175deg		H. Ang=36deg
HXRBS 09:43:10	09:43:40	09:44:48		Peak...c/s=70	Qual=01	Tot Cts=1190	MaxkeV=97		
UVSP 09:14				WaveLength=1547A	Code=00	Exp #=974	Rast=120"x120"	Step=3"	Pitch=-541", Yaw=+93"
Radio Frequency(MHz)/Flux(sfu):			8800/21						
Event # = 114									
80/04/01,15:26	DOY=92	Peak	End times	SMM Pointing:	N25W00		Pitch=-502", Yaw=-1", Roll=0deg	H. Ang=31deg	
Optical				Ha...Class=1N	N29E02	AR2363	Mac.=EKI	Carr. Lon.=176deg	H. Ang=36deg
GOES 15:19	15:26	15:30		Importance=C1	Qual=01		MaxkeV=120		
HXRBS 15:24:25	15:25:45	15:28:30		Peak...c/s=200	Qual=01	Tot Cts=12800	FePeak.c/s=12	#Peaks=1	dt= 3.0s XEN=9201
BCS 15:26	15:28	15:29		CaPeak.c/s=30	Qual=1	FePeak=15:28	Rast=300"x300"	Step=15"	Cad= 410s 1.024s/pixel
FCS 15:27	15:27			Peak3...c/s=135			Rast=240"x240"	Step=4"	Pitch=-565", Yaw=-59"
UVSP 15:22				WaveLength=1550A	Code=00	Exp #=984			
Radio Frequency(MHz)/Flux(sfu):			245/120 410/210 606/35 4995/32 8800/22						
Event # = 115									
80/04/01,15:42	DOY=92	Peak	End times	SMM Pointing:	N25W00		Pitch=-502", Yaw=-1", Roll=0deg	H. Ang=31deg	
Optical				Ha...Class=SF	N30E02	AR2363	Mac.=EKI	Carr. Lon.=176deg	H. Ang=37deg
GOES 15:37	15:42	15:58		Importance=C1	Qual=01		MaxkeV=52		
HXRBS 15:39:55	15:41:05	15:43:15		Peak...c/s=72	Qual=01	Tot Cts=1240	Rast=4"x32"	Step=4"	Pitch=-507", Yaw=-33"
UVSP 15:41				WaveLength=1550A	Code=00	Exp #=986			

Event # = 20617									
80/04/02, 13:53	DOY=93	Start	End times	SMM Pointing:	N24W13	Pitch=-490", Yaw=-202", Roll=0deg	H. Ang=33deg		
Optical				Ha...Class=S8		Mac.=DKI			
GOES 13:48	13:53		14:02	Importance=C2	AR2363				
BCS 13:50	13:52		13:55	CaPeak.c/s=34	Qual=01				
FCS 13:54	13:54			Peak3..c/s=134	Qual=1	FePeak=13:52			
UVSP 13:52				Wavelength=1371A	Code=00	Exp #=1024			
Event # = 20632									
80/04/02, 14:12	DOY=93	Start	End times	SMM Pointing:	N24W13	Pitch=-490", Yaw=-202", Roll=0deg	H. Ang=33deg		
GOES 14:12	14:12		14:12	CaPeak.c/s=21	Qual=00				
BCS 13:52				Wavelength=1371A	Qual=1	FePeak=14:12			
UVSP 13:52						Exp #=1024			
Event # = 122									
80/04/02, 17:02	DOY=93	Start	End times	SMM Pointing:	N25W14	Pitch=-491", Yaw=-213", Roll=0deg	H. Ang=34deg		
Optical				Ha...Class=SN		Mac.=DKI			
GOES 16:56	17:02		17:07	Importance=C2	AR2363				
HXRBS 16:59:30	17:02:40		17:04:50	Peak...c/s=320	Qual=04				
BCS 16:56	17:02		17:07	CaPeak.c/s=87	Qual=01	Tot Cts=13940			
FCS 17:03	17:03			Peak3..c/s=322	Qual=1	FePeak=17:02			
Radio				Wavelength=1402A	Code=00	Exp #=1027			
Frequency(MHz)/Flux(sfu): 245/95									
Event # = 123									
80/04/02, 17:24	DOY=93	Start	End times	SMM Pointing:	N25W14	Pitch=-491", Yaw=-213", Roll=0deg	H. Ang=34deg		
GOES 17:24:15	17:24:30		17:24:50	Peak...c/s=70	Qual=06				
HXRBS 17:04				Wavelength=1402A	Qual=01	Tot Cts=400			
UVSP 17:04						Exp #=1028			
Event # = 124									
80/04/02, 19:55	DOY=93	Start	End times	SMM Pointing:	N24W16	Pitch=-488", Yaw=-240", Roll=0deg	H. Ang=34deg		
Optical				Ha...Class=28		Mac.=CHO			
GOES 19:44	19:55		20:15	Importance=M2	AR2363				
HXRBS 20:22:00	20:24:15		20:25:10	Peak...c/s=72	Qual=05				
BCS 20:05	20:05		20:24	CaPeak.c/s=109	Qual=01	Tot Cts=1450			
FCS 20:08	20:08			Peak3..c/s=834	Qual=5	FePeak=20:05			
Radio				Wavelength=1402A	Code=00	Exp #=1031			
Type/Intensity: V/3									
Event # = 125									
80/04/03, 01:24	DOY=94	Start	End times	SMM Pointing:	N24W19	Pitch=-487", Yaw=-283", Roll=0deg	H. Ang=36deg		
Optical				Ha...Class=28		Mac.=CAO			
GOES 01:15	01:24		02:00	Importance=M1	AR2359				
HXRBS* 01:16:00	01:17:35		01:28:00	Peak...c/s=950	Qual=01	Tot Cts=73585			
UVSP 01:14	01:14			Wavelength=2792A	Code=00	Exp #=1039			
Pitch=-552", Yaw=-346"									

[illegible]

Event # = 134									
80/04/04,16:59	DOY=95								
Start	Peak								
GOES 16:57	16:59	End times	SMM Pointing:	N03W10					
HXRBS 16:54:55	16:55:06	17:01	Importance=C2	Qual=05					
BCS 17:00	17:05	17:29	Peak...c/s=97	Qual=01	Tot Cts=1350				
FCS 17:01	17:01		CaPeak.c/s=270	Qual= 1	FePeak=17:09				
			Peak3...c/s=13						
Event # = 20636									
80/04/04,18:33	DOY=95								
Start	Peak								
GOES 18:28	18:33	End times	SMM Pointing:	N24W37					
BCS 18:28	18:32	19:08	CaPeak.c/s=85	Qual=06					
FCS 18:32			Peak3...c/s=189	Qual= 5	FePeak=18:33				
Event # = 20506									
80/04/04,20:07	DOY=95								
Start	Peak								
GOES 20:04	20:07	End times	SMM Pointing:	N23W38					
BCS 20:04	20:07	20:08	CaPeak.c/s=29	Qual=00					
FCS 20:07	20:07		Peak3...c/s=113	Qual= 1	FePeak=20:07				
Event # = 20003									
80/04/04,20:09	DOY=95								
Start	Peak								
GOES 20:09	20:12	End times	SMM Pointing:	N23W38					
BCS 20:09	20:09	20:12	CaPeak.c/s=20	Qual=00					
FCS 20:10	20:10		Peak3...c/s=11	Qual= 1	FePeak=20:09				
Event # = 20004									
80/04/04,20:17	DOY=95								
Start	Peak								
GOES 20:15	20:17	End times	SMM Pointing:	N23W38					
BCS 20:15	20:17	20:26	CaPeak.c/s=25	Qual=06					
FCS 20:20	20:20		Peak3...c/s=100	Qual= 1	FePeak=20:17				
Event # = 20005									
80/04/04,20:31	DOY=95								
Start	Peak								
GOES 20:29	20:31	End times	SMM Pointing:	N23W38					
BCS 20:29	20:31	20:37	CaPeak.c/s=20	Qual=06					
FCS 20:31	20:31		Peak3...c/s=10	Qual= 1	FePeak=20:31				
Event # = 20007									
80/04/04,20:39	DOY=95								
Start	Peak								
GOES 20:39	20:39	End times	SMM Pointing:	N23W38					
BCS 20:39	20:39	20:39	CaPeak.c/s=19	Qual=06					
FCS 20:39	20:39		Peak3...c/s=10	Qual= 1	FePeak=20:39				
Event # = 20008									
80/04/04,20:43	DOY=95								
Start	Peak								
GOES 20:42	20:43	End times	SMM Pointing:	N23W38					
BCS 20:42	20:43	20:43	CaPeak.c/s=20	Qual=06					
UVSp 21:42			Wavelength=1230A	Qual= 1	FePeak=20:43				
					Exp #=1066				

Event # = 20011		DOY=95		SMM Pointing:		N23W38		Pitch=-450", Yaw=-544", Roll=0deg		H. Ang=47deg	
80/04/04, 20:45		Peak		End times		Qual=06		FePeak.c/s=7 #Peaks=1		XEN=9523	
GOES 20:45		20:45		20:46		Qual=1		Rast=120"x120" Step=3"		Pitch=-452", Yaw=-544"	
BCS 21:42											
UVSP 21:42											
Event # = 135		DOY=95		SMM Pointing:		N24W39		Pitch=-456", Yaw=-556", Roll=0deg		H. Ang=48deg	
80/04/04, 21:51		Peak		End times		S13W50		Mac.=DS0 Carr. Lon.=185deg		H. Ang=50deg	
Optical						Qual=01					
GOES 21:42		21:51		21:57		Importance=C2		MaxkeV=97 Flags=AX		XEN=9525	
HXRBS 21:56:20		21:56:50		21:58:00		Peak...c/s=105		FePeak.c/s=17 #Peaks=1		Cad= 147s	
BCS 21:57		21:57		22:00		CaPeak.c/s=42		Rast=180"x180" Step=15"		Pitch=-475", Yaw=-567"	
FCS 21:58		21:58				Peak3...c/s=145					
HXIS 21:58						Peak...c/s=80					
UVSP 21:50						Wavelength=1237A Code=00		Exp #=1068			
Event # = 20104		DOY=95		SMM Pointing:		N24W39		Pitch=-456", Yaw=-556", Roll=0deg		H. Ang=48deg	
80/04/04, 23:10		Peak		End times		Qual=05		FePeak.c/s=5 #Peaks=1		XEN=9527	
GOES 23:08		23:10		23:26		Importance=C2					
BCS 23:17		23:17		23:17		CaPeak.c/s=21		Rast=120"x120" Step=3"		Pitch=-452", Yaw=-555"	
HXIS 23:18		23:18				Peak...c/s=24					
UVSP 23:18						Wavelength=1237A Code=02		Exp #=1069			
						Associated Event # = 20012					
BCS 23:19		23:19		23:19		CaPeak.c/s=18		FePeak.c/s=5 #Peaks=1		XEN=9528	
						Qual=1					

Event # = 139									
80/04/05,06:05	Start	DOY=96	End times	SMM Pointing:	N24W43		Pitch=-451", Yaw=-605", Roll=0deg	H. Ang=52deg	
Optical				Ha...Class=1B					
GOES	05:53	06:05	06:19	Importance=M1	Qual=01	AR2372	Mac.=EKI Carr. Lon.=104deg	H. Ang=32deg	
HXRBS	05:53:20	05:56:30	06:08:30	Peak...c/s=87	Qual=01				
UVSP	05:49			Wavelength=1237A	Code=00	Tot Cts=13650	MaxkeV=52		
Radio				Frequency(MHz)/Flux(sfu):	606/24 1415/6 4995/24	Exp #=1083	Rast=21"x21" Step=3" Pitch=-497", Yaw=-603"		
Event # = 140									
80/04/05,08:11	Start	DOY=96	End times	SMM Pointing:	N24W44		Pitch=-450", Yaw=-615", Roll=0deg	H. Ang=52deg	
GOES	08:03	08:11	08:19	Importance=C3	Qual=01				
HXRBS	08:10:50	08:10:57	08:11:20	Peak...c/s=90	Qual=01		MaxkeV=52		
UVSP	07:23			Wavelength=1237A	Code=00	Exp #=1086	Rast=21"x21" Step=3" Pitch=-496", Yaw=-612"		
Event # = 20105									
80/04/05,08:52	Start	DOY=96	End times	SMM Pointing:	N24W44		Pitch=-450", Yaw=-615", Roll=0deg	H. Ang=52deg	
GOES	08:46	08:52	08:56	Importance=C2	Qual=05				
BCS	08:51	08:52	08:53	CaPeak.c/s=31	Qual=1	FePeak=08:51	FePeak.c/s=14 #Peaks=1	XEN=9601	
FCS		08:52		Peak3...c/s=181			Rast=180"x180" Step=15" Cad= 147s	1.024s/pixel	
HXIS		08:51		Peak...c/s=43			Rast=15"x15" Step=3" Pitch=-514", Yaw=-684"		
UVSP	08:53			Wavelength=2793A	Code=02	Exp #=1088			
Event # = 141									
80/04/05,09:44	Start	DOY=96	End times	SMM Pointing:	N24W45		Pitch=-449", Yaw=-626", Roll=0deg	H. Ang=53deg	
GOES	09:41	09:44	09:52	Importance=C2	Qual=01				
HXRBS	09:44:10	09:44:30	09:47:10	Peak...c/s=150	Qual=01	Tot Cts=1865	MaxkeV=97		
UVSP	08:53			Wavelength=2793A	Code=00	Exp #=1089	Rast=240"x240" Step=3" Pitch=-514", Yaw=-684"		
Event # = 142									
80/04/05,10:45	Start	DOY=96	End times	SMM Pointing:	N24W45		Pitch=-449", Yaw=-626", Roll=0deg	H. Ang=53deg	
Optical				Ha...Class=SB					
GOES	10:23	10:45	10:56	Importance=C5	Qual=04	AR2363	Mac.=DKI Carr. Lon.=176deg	H. Ang=57deg	
HXRBS	10:39:50	10:41:30	10:46:40	Peak...c/s=460	Qual=01				
BCS	10:41	10:45	10:49	CaPeak.c/s=134	Qual=1	Tot Cts=15580	MaxkeV=194		
FCS		10:46		Peak3...c/s=779		FePeak=10:45	FePeak.c/s=26 #Peaks=1 dt= 6.0s	XEN=9604	
HXIS		10:45		Peak...c/s=202			Rast=180"x180" Step=15" Cad= 147s	1.024s/pixel	
UVSP	10:33			Wavelength=2796A	Code=00	Exp #=1092	Rast=3"x3" Step=0" Pitch=-629", Yaw=-821"		
Radio				Frequency(MHz)/Flux(sfu):	245/890 410/56 8800/65				
BCS	10:35	10:35	10:35	CaPeak.c/s=21	Qual=1	Event # = 20013	FePeak.c/s=7 #Peaks=1	XEN=9603	
Event # = 143									
80/04/05,11:14	Start	DOY=96	End times	SMM Pointing:	N24W46		Pitch=-448", Yaw=-636", Roll=0deg	H. Ang=54deg	
Optical				Ha...Class=SB					
GOES	11:09	11:14	11:19	Importance=C6	Qual=01				
HXRBS	11:11:20	11:13:20	11:15:40	Peak...c/s=65	Qual=01		MaxkeV=52		
UVSP	10:57			Wavelength=2800A	Code=01	Exp #=1093	Rast=3"x3" Step=0" Pitch=-628", Yaw=-823"		

Event # = 20116
80/04/06, 23:20 DOY=97
Start Peak
Optical
GOES 23:10 23:20 23:45
BCS 23:14 23:18 00:09
FCS 23:19
HXIS 23:14
UVSP 23:17

UVSP 23:25
C/P 23:48 Extrap St=04/06, 12:00 PA=64deg

SMM Pointing:
Ha...Class=1N
Importance=C6
CaPeak.c/s=150
Peak3...c/s=365
Peak...c/s=275
Wavelength=1215A
Code=00
Associated
Event # = 20663
Exp # = 1147

Pitch=-314", Yaw=+23", Roll=0deg
Mac.=EKI
Carr.Lon.=103deg
H.Ang=19deg
FePeak.c/s=10 #Peaks=2 dt= 3.0s XEN=9726
Rast=240"x240" Step=15" Cad= 262s 1.024s/pixel
Pitch=3" Step=3" Rast=180"x180" Step=3" Pitch=-336", Yaw=+34"
Rast=3"x63" Step=15" Pitch=-278", Yaw=+64"

80/04/07 DOY=98
Event # = 158
80/04/07, 01:10 DOY=98
Start Peak
Optical
Optical
GOES 00:48 01:10 01:50
HXRS 00:50:00 00:52:30 01:23:20
BCS 00:50 01:08 01:49
FCS 01:09
HXIS 01:05
UVSP 01:07
Radio Sweeps
Radio Frequency (MHz)/Flux(sfu): 245/870 410/680 606/170 1415/160 2695/32 4995/37 8800/13
HXRS 01:29:20 01:29:55 01:30:10

Associated Event # = 159
Qual=01 Tot Cts=990
MaxkeV=52

SMM Pointing:
Ha...Class=1B
Ha...Class=SN
Importance=M4
Peak...c/s=430
CaPeak.c/s=1492
Peak3...c/s=3435
Peak...c/s=2465
Wavelength=1237A
Code=00
Exp # = 1151

Pitch=-314", Yaw=+23", Roll=0deg
Mac.=EKI
Carr.Lon.=104deg
H.Ang=16deg
Carr.Lon.=55deg
H.Ang=57deg
Flags=EN
#Peaks=1
Step=15" Cad= 262s XEN=9800
Rast=240"x240" Step=15" Cad= 262s 1.024s/pixel
Pitch=3" Step=3" Rast=21"x21" Step=3" Pitch=-260", Yaw=-23"

Event # = 160
80/04/07, 01:39 DOY=98
Start Peak
GOES 01:39:10 01:39:28 01:39:40
HXRS 01:07
UVSP Frequency (MHz)/Flux(sfu): 606/14 1415/61 2695/19 4995/47
Radio

SMM Pointing:
Peak...c/s=510
Wavelength=1237A
Qual=01
Tot Cts=4669
Exp # = 1151

Pitch=-314", Yaw=+23", Roll=0deg
MaxkeV=144
Rast=21"x21" Step=3" Pitch=-260", Yaw=-23"

Event # = 161
80/04/07, 03:22 DOY=98
Start Peak
Optical
GOES 03:18 03:22 03:38
HXRS 03:19:30 03:20:05 03:20:40
HXIS 03:20
UVSP 02:32
Radio Sweeps
Type/Intensity:
Wavelength=1237A
Code=00
Exp # = 1154

SMM Pointing:
Ha...Class=1F
Importance=C5
Peak...c/s=83
Peak...c/s=244
Wavelength=1237A
Code=00
Associated
Event # = 1154

Pitch=-314", Yaw=-5", Roll=0deg
Mac.=DAO
Carr.Lon.=172deg
H.Ang=74deg
MaxkeV=52
Rast=21"x21" Step=3" Pitch=-266", Yaw=+3"

Event #	Doy=98	Start	End times	SMM Pointing:	N13W02	Pitch=-314", Yaw=-35", Roll=0deg	H.Ang=19deg
80/04/07, 07:20	Peak	07:15	07:35	Importance=C4	Qual=04		
G0ES	07:20	07:20	07:21:00	Peak...c/s=60	Qual=01		
HXRBS	07:20:10	07:20:45	07:51	CaPeak.c/s=33	Qual= 5	#Peaks=1 dt= 3.0s XEN=9809	
BGS	07:13	07:16		Peak3...c/s=101		Rast=240"x240" Step=15" Cad= 262s 1.024s/pixel	
FCS	07:20	07:18		Peak...c/s=42			
HXIS				WaveLength=1216A	Code=00	Rast=240"x240" Step=3" Pitch=-366", Yaw=-82"	
UVSP	07:15						
Event # = 168							
80/04/07, 07:54	Peak	07:50	08:13	Importance=C4	N13W02	Pitch=-314", Yaw=-35", Roll=0deg	H.Ang=19deg
G0ES	07:54	07:54	08:13	CaPeak.c/s=35	Qual=01		
BGS	07:54	07:57	08:13	Peak3...c/s=67	Qual= 1	#Peaks=1 dt= 6.0s XEN=9814	
FCS	08:00	07:48		Peak...c/s=32		Rast=240"x240" Step=15" Cad= 262s 1.024s/pixel	
HXIS				WaveLength=1237A	Code=00	Rast=21"x21" Step=3" Pitch=-278", Yaw=+10"	
UVSP	07:31						
Event # = 20119							
80/04/07, 09:09	Peak	09:06	09:16	Importance=C2	N13W03	Pitch=-314", Yaw=-57", Roll=0deg	H.Ang=19deg
G0ES	09:09	09:08	09:10	CaPeak.c/s=21	Qual=01		
BGS	09:08	09:08	09:10	Peak3...c/s=44	Qual= 1	#Peaks=1 XEN=9818	
FCS	09:09	08:56		WaveLength=1237A	Code=00	Rast=240"x240" Step=15" Cad= 262s 1.024s/pixel	
UVSP	08:56					Rast=21"x21" Step=3" Pitch=-290", Yaw=-78"	
Event # = 20120							
80/04/07, 09:57	Peak	09:44	10:05	Importance=C3	N13W03	Pitch=-314", Yaw=-57", Roll=0deg	H.Ang=19deg
G0ES	09:57	09:46	10:05	Peak...c/s=32	Qual=02		
HXIS				WaveLength=1216A			
UVSP	10:27					Rast=240"x240" Step=3" Pitch=-366", Yaw=-110"	
Event # = 20021							
80/04/07, 10:26	Peak	10:26	10:26	CaPeak.c/s=20	N13W03	Pitch=-314", Yaw=-57", Roll=0deg	H.Ang=19deg
G0ES	10:26	10:26	10:26	WaveLength=1216A	Qual=00		
BGS	10:26	10:27			Qual= 1	#Peaks=1 XEN=9820	
UVSP	10:27					Rast=240"x240" Step=3" Pitch=-366", Yaw=-110"	
Event # = 169							
80/04/07, 10:34	Peak	10:30	10:40	Importance=C3	N13W03	Pitch=-314", Yaw=-57", Roll=0deg	H.Ang=19deg
G0ES	10:30	10:34	10:40	Peak...c/s=130	Qual=01		
HXRBS	10:33:40	10:34:50	10:35:40	CaPeak.c/s=44	Qual= 1	MaxkeV=74	
BGS	10:33	10:36	10:41	Peak3...c/s=349		FePeak.c/s=17 dt= 6.0s XEN=9824	
FCS	10:37	10:37		Peak...c/s=53		Rast=240"x240" Step=15" Cad= 262s 1.024s/pixel	
HXIS	10:34			WaveLength=1216A	Code=00		
UVSP	10:27					Rast=240"x240" Step=3" Pitch=-366", Yaw=-110"	
BGS	10:28	10:31	10:31	Associated	Qual= 1	FePeak.c/s=12 #Peaks=1	XEN=9850

Event # = 170									
80/04/07,12:21	DOY=98	SMM Pointing:			N13W05	Pitch=-314", Yaw=-81", Roll=0deg			H.Ang=20deg
Start	Peak	End times							
GOES 12:19	12:21	12:29			Qual=01				
HXRBS 12:20:50	12:21:10	12:21:50			Importance=C2				
UVSP 12:18					Peak...c/s=62				
					Wavelength=1237A	Step=3"			Pitch=-269", Yaw=-24"
					Code=00	MaxkeV=52			
						Rast=21"x21"			
Event # = 171									
80/04/07,12:48	DOY=98	SMM Pointing:			N13W05	Pitch=-314", Yaw=-81", Roll=0deg			H.Ang=20deg
Start	Peak	End times							
GOES 12:40	12:48	12:52			Qual=01				
HXRBS 12:43:50	12:44:20	12:44:50			Importance=C2				
BCS 12:49	12:49	12:49			Peak...c/s=79				
HXIS 12:18	12:49	12:49			CaPeak.c/s=19	#Peaks=1			XEN=9828
UVSP 12:18					Peak...c/s=27				
					Wavelength=1237A	Step=3"			Pitch=-269", Yaw=-24"
					Code=00	Rast=21"x21"			
					Associated	Step=3"			
					Event # = 20025	Pitch=-269", Yaw=-24"			
					Qual= 1	FePeak.c/s=9			XEN=9829
					CaPeak.c/s=18	#Peaks=1			
Event # = 172									
80/04/07,12:55	DOY=98	SMM Pointing:			N13W05	Pitch=-314", Yaw=-81", Roll=0deg			H.Ang=20deg
Start	Peak	End times							
Optical 12:53	12:55	13:00			Ha...Class=SN	Carr. Lon.=175deg			
GOES 12:54:10	12:54:30	12:54:50			Importance=C3				
HXRBS 12:54	12:54	12:56			Peak...c/s=170				
BCS 12:54	12:54	12:56			CaPeak.c/s=29	#Peaks=1			XEN=9830
FCS 12:56	12:56	12:56			Peak3...c/s=57	Cad= 262s			1.024s/pixel
UVSP 12:18					Wave length=1237A	Step=3"			Pitch=-269", Yaw=-24"
Radio Sweeps					Code=00	Rast=21"x21"			
					Exp #=1176				
					Event # = 1176				
					FePeak=12:51				
					Qual= 1				
					CaPeak.c/s=18				
Event # = 173									
80/04/07,13:45	DOY=98	SMM Pointing:			N27W76	Pitch=-455", Yaw=-829", Roll=0deg			H.Ang=80deg
Start	Peak	End times							
GOES 13:42	13:45	15:00			Qual=01				
HXRBS 13:41:40	13:42:20	13:43:40			Importance=C3				
					Peak...c/s=54	MaxkeV=52			
Event # = 20121									
80/04/07,15:32	DOY=98	SMM Pointing:			N12W06	Pitch=-294", Yaw=-102", Roll=0deg			H.Ang=19deg
Start	Peak	End times							
Optical 15:32	15:32	15:34			Ha...Class=SF	Mac.=EKI			
GOES 15:30	15:31	15:34			Importance=C3	Carr. Lon.=103deg			H.Ang=18deg
BCS 15:33	15:33	15:33			CaPeak.c/s=43	#Peaks=1			XEN=9832
FCS 15:30	15:33	15:33			Peak3...c/s=150	Rast=240" x240"			1.024s/pixel
HXIS 15:30	15:30	15:30			Peak...c/s=80	Step=15"			Cad= 262s
Event # = 174									
80/04/07,16:53	DOY=98	SMM Pointing:			N12W06	Pitch=-294", Yaw=-102", Roll=0deg			H.Ang=19deg
Start	Peak	End times							
Optical 16:50	16:53	16:55			Ha...Class=SN	Mac.=FKI			
GOES 16:52:00	16:52:24	16:52:50			Importance=C5	Carr. Lon.=85deg			H.Ang=33deg
HXRBS 16:52	16:56	16:57			Peak...c/s=230	MaxkeV=52			
BCS 16:52	16:56	16:57			CaPeak.c/s=39	FePeak.c/s=13			XEN=9851
FCS 16:55	16:55	16:55			Peak3...c/s=146	Rast=240" x240"			1.024s/pixel
					Qual= 1	Step=15"			Cad= 262s
					FePeak=16:56				
					Exp #=1176				
					Event # = 1176				
					FePeak=12:51				
					Qual= 1				
					CaPeak.c/s=18				

80/04/08 DOY=99					
Event # = 181 80/04/08,00:07 Start		SMM Pointing:	N12W11	Pitch=-296",Yaw=-179",Roll=0deg	H.Ang=21deg
Optical		Ha...Class=SN	N12W09	Mac.=EKI Carr.Lon.=103deg	H.Ang=20deg
G0ES 23:59	DOY=99 Peak 00:07	Importance=C6	Qual=03		
HXRBS 23:59:25	00:38	Peak...c/s=80	Qual=01		
BFS 23:55	23:59:30 00:00:05	CaPeak.c/s=145	Qual= 3		
FCS	00:06 00:08	Peak3...c/s=248			
HXIS	00:07	Peak...c/s=278			
UVSP 23:21	00:02	Wavelength=1547A			
Event # = 182 80/04/08,01:24 Start		SMM Pointing:	N12W11	Pitch=-296",Yaw=-179",Roll=0deg	H.Ang=21deg
Optical		Ha...Class=SB	S32E65	Mac.=FK0 Carr.Lon.=28deg	H.Ang=66deg
Optical		Ha...Class=SF	S05E80	Carr.Lon.=13deg	H.Ang=80deg
G0ES 01:13	01:24 01:38	Importance=M1	Qual=01		
HXRBS 01:15:20	01:17:40 01:24:20	Peak...c/s=190	Qual=01		
UVSP 00:51	Type/Intensity: V/3	Wavelength=1371A	Code=00		
Radio Sweeps		Associated	Event # = 183		
HXRBS 01:31:10	01:31:30 01:32:08	Peak...c/s=82	Qual=01		
		Associated	Event # = 184		
HXRBS 01:40:10	01:40:28 01:40:40	Peak...c/s=180	Qual=01		
UVSP 02:26		Wavelength=1402A	Tot Cts=1124 Exp #=1189		
Event # = 20028 80/04/08,01:43 Start		SMM Pointing:	N12W11	Pitch=-296",Yaw=-179",Roll=0deg	H.Ang=21deg
G0ES 01:41	DOY=99 Peak 01:43	Importance=C5	Qual=01		
BCS 01:42	01:42 01:42	CaPeak.c/s=19	Qual= 1		
UVSP 02:26		Wavelength=1402A			
			FePeak=01:42 Exp #=1189		XEN=9902 Pitch=-348",Yaw=-270"
Event # = 185 80/04/08,01:57 Start		SMM Pointing:	N12W11	Pitch=-296",Yaw=-179",Roll=0deg	H.Ang=21deg
G0ES 01:49	DOY=99 Peak 01:57	Importance=M1	Qual=02		
HXRBS 01:46:50	01:47:30 01:47:45	Peak...c/s=105	Qual=01		
UVSP 02:26		Wavelength=1402A	Tot Cts=737 Exp #=1189		
					MaxkeV=52 Rast=240"x240" pitch=-348",Yaw=-270"
Event # = 186 80/04/08,02:41 Start		SMM Pointing:	N12W12	Pitch=-298",Yaw=-198",Roll=0deg	H.Ang=22deg
G0ES 02:36	DOY=99 Peak 02:41	Importance=C3	Qual=01		
HXRBS 02:38:10	02:38:40 02:42:50	Peak...c/s=61	Qual=01		
UVSP 02:34		Wavelength=1402A	Code=00		
			Exp #=1190		MaxkeV=52 Rast=60"x60" Pitch=-290",Yaw=-204"

Event # = 187									
80/04/08,03:07	DOY=99	Start	Peak	End times	SMM Pointing:	N12W12	Pitch=-298", Yaw=-198", Roll=0deg	H. Ang=22deg	
Optical					Ha...Class=18				
Optical					Ha...Class=28	N12W13	Mac.=EXI	Carr.Lon.=105deg	H. Ang=22deg
GOES	02:57	03:07	03:46		Importance=M4	S13W92	AR2372	Carr.Lon.=184deg	H. Ang=91deg
HXRBS	02:59:15	03:05:00	03:24:40		Peak...c/s=3800	Qual=01	AR2362		
BCS	03:02	03:07	03:24		CaPeak.c/s=1764	Qual=03	Tot Cts=5.40E+5	Flags=EM	
FCS	03:10	03:10			Peak3...c/s=2623	Qual=1	FePeak.c/s=990	#Peaks=1	dt= 3.0s
HXIS		03:06			Peak...c/s=3246		Rast=240"x240"	Step=15"	XEN=9900
UVSP	03:02				Wavelength=1402A	Code=00	Rast=4"x32"	Pitch=-290", Yaw=-204"	
Radio	Frequency (MHz)/Flux(sfu):				1415/16 2695/81	4995/130 8800/200 15400/74			
Associated Event # = 188									
HXRBS	03:20:00	03:20:30	03:21:00		Peak...c/s=90	Qual=01	Tot Cts=967	MaxkeV=52	
Event # = 20122									
80/04/08,04:01	DOY=99	Start	Peak	End times	SMM Pointing:	N12W12	Pitch=-298", Yaw=-198", Roll=0deg	H. Ang=22deg	
GOES									
BCS	04:01	04:01	04:42		CaPeak.c/s=54	Qual=00			
FCS	04:03	04:03			Peak3...c/s=295	Qual=5	FePeak=04:01	#Peaks=1	XEN=9904
HXIS		04:00			Peak...c/s=84		Rast=240"x240"	Step=15"	Cad= 262s
UVSP	04:03				Wavelength=1402A		Rast=240"x240"	Step=4"	Pitch=-348", Yaw=-254"
Exp # = 1192									
Event # = 20029									
80/04/08,04:55	DOY=99	Start	Peak	End times	SMM Pointing:	N12W12	Pitch=-298", Yaw=-198", Roll=0deg	H. Ang=22deg	
GOES									
BCS	04:54	04:55	05:00		CaPeak.c/s=23	Qual=00			
FCS	04:55	04:55			Peak3...c/s=97	Qual=1	FePeak=04:55	#Peaks=1	XEN=9908
UVSP	04:11				Wavelength=1402A		Rast=240"x60"	Step=4"	Cad= 262s
Exp # = 1193									
Event # = 20030									
80/04/08,05:30	DOY=99	Start	Peak	End times	SMM Pointing:	N12W12	Pitch=-298", Yaw=-198", Roll=0deg	H. Ang=22deg	
Optical									
GOES	05:27	05:30	06:06		Ha...Class=SN	S13W90	Mac.=DSO	Carr.Lon.=181deg	H. Ang=89deg
BCS	05:36	05:40	06:04		Importance=C6	Qual=05			
FCS	05:42	05:42			CaPeak.c/s=88	Qual=4	FePeak=05:40	#Peaks=1	dt= 6.0s
UVSP	05:38				Peak3...c/s=373		Rast=240"x240"	Step=15"	XEN=9910
Radio	Sweeps	Type/Intensity:			Wavelength=1402A	Code=02	Rast=240"x240"	Step=4"	Pitch=-348", Yaw=-254"
Frequency (MHz)/Flux(sfu): 606/20 1415/38 2695/40 4995/59 8800/100									
Event # = 20031									
80/04/08,06:18	DOY=99	Start	Peak	End times	SMM Pointing:	N12W15	Pitch=-297", Yaw=-236", Roll=0deg	H. Ang=23deg	
GOES									
BCS	06:12	06:18	06:45		Importance=C3	Qual=01			
FCS	06:14	06:17	06:21		CaPeak.c/s=26	Qual=1	FePeak=06:17	#Peaks=1	dt= 6.0s
UVSP	05:46	06:18			Peak3...c/s=154		Rast=240"x240"	Step=15"	Cad= 262s
Wavelength=1402A									
Exp # = 1195									
Pitch=-238", Yaw=-232"									

Event # = 195									
80/04/08, 12:32	DOY=99	End times	SMM Pointing:	N12W17	Pitch=-297", Yaw=-282", Roll=0deg	H. Ang=25deg			
Optical	Peak								
GOES 12:28	12:32	12:37	Ha...Class=SB	N21W02	Mac.=FKC	H. Ang=27deg			
HXRBS 12:30:30	12:31:00	12:31:40	Importance=C4	Qual=01					
BCS 12:29	12:32	12:34	Peak...c/s=120	Qual=01	AR2370				
FCS	12:30		CaPeak.c/s=32	Qual=1	Tot Cts=1848				
UVSP 12:10			Peak3...c/s=32	Code=00	FePeak=12:31				
			Wavelength=1402A	Exp #=1203	Rast=240"x240"	#Peaks=1 dt= 6.0s XEN=9921			
					Rast=60"x60"	Step=15" Cad= 262s 1.024s/pixel			
						Pitch=-266", Yaw=-238"			
Event # = 196									
80/04/08, 15:32	DOY=99	End times	SMM Pointing:	N25W74	Pitch=-432", Yaw=-834", Roll=0deg	H. Ang=78deg			
Optical	Peak								
GOES 15:31	15:32	15:34	Ha...Class=IN	N12W90					
HXRBS 15:32:45	15:32:50	15:33:00	Importance=C2	Qual=01	Carr. Lon.=176deg	H. Ang=91deg			
			Peak...c/s=60	Qual=01					
					MaxkeV=52				
Event # = 197									
80/04/08, 17:03	DOY=99	End times	SMM Pointing:	N11W19	Pitch=-275", Yaw=-303", Roll=0deg	H. Ang=25deg			
Optical	Peak								
GOES 17:01	17:03	17:08	Importance=C2	Qual=01					
HXRBS 17:02:50	17:03:15	17:03:30	Peak...c/s=63	Qual=01	MaxkeV=52				
Event # = 20032									
80/04/08, 18:54	DOY=99	End times	SMM Pointing:	N11W20	Pitch=-276", Yaw=-320", Roll=0deg	H. Ang=26deg			
Optical	Peak								
GOES 18:50	18:54	18:56	CaPeak.c/s=22	Qual=00					
BCS 18:54	18:54		Peak3...c/s=11	Qual=3	FePeak.c/s=8 #Peaks=1	XEN=9930			
UVSP 18:34			Wavelength=1402A		Rast=240"x240"	Cad= 262s 1.024s/pixel			
					Rast=60"x60"	Step=15" Pitch=-316", Yaw=-258"			
					Exp #=1207				
Event # = 198									
80/04/08, 21:55	DOY=99	End times	SMM Pointing:	N11W21	Pitch=-269", Yaw=-335", Roll=0deg	H. Ang=27deg			
Optical	Peak								
GOES 21:52	21:55	21:57	Ha...Class=SB	N20W14	Mac.=FKC	H. Ang=29deg			
HXRBS 21:55:10	21:55:20	21:55:45	Importance=C3	Qual=02					
BCS 21:54	21:55	21:57	Peak...c/s=123	Qual=01	AR2370				
FCS	21:55		CaPeak.c/s=42	Qual=1	Tot Cts=827				
UVSP 21:46			Peak3...c/s=98	Code=00	FePeak=21:55				
Radio Sweeps		Type/Intensity:	Wavelength=1402A	Exp #=1211	Rast=240"x240"	#Peaks=1 XEN=9929			
			V/2		Rast=60"x60"	Step=15" Cad= 262s 1.024s/pixel			
						Pitch=-346", Yaw=-294"			
Event # = 199									
80/04/08, 22:06	DOY=99	End times	SMM Pointing:	N11W21	Pitch=-269", Yaw=-335", Roll=0deg	H. Ang=27deg			
Optical	Peak								
GOES 22:01	22:06	22:14	Importance=C3	Qual=01					
HXRBS 22:06:00	22:06:10	22:06:40	Peak...c/s=70	Qual=01	MaxkeV=52				
UVSP 21:46			Wavelength=1402A	Code=00	Rast=60"x60"	Step=4" Pitch=-346", Yaw=-294"			
					Exp #=1211				

80/04/09 DOY=100

Event # = 200
 80/04/09,01:38 DOY=100 Pitch=-268",Yaw=-366",Roll=0deg H.Ang=28deg
 Start Peak
 Optical SMM Pointing: N11W23
 Ha...Class=SN
 Importance=C3
 Peak...c/s=70
 Wavelength=1402A Code=00
 Exp # = 1215
 MaxkeV=52
 Rast=60"x60" Step=4" Pitch=-260",Yaw=-380"

Event # = 201
 80/04/09,03:59 DOY=100 Pitch=-266",Yaw=-387",Roll=0deg H.Ang=29deg
 Start Peak
 Optical SMM Pointing: N11W24
 Ha...Class=SB
 Importance=C2
 Peak...c/s=100
 Wavelength=1402A Code=02
 Exp # = 1218
 MaxkeV=52
 Rast=240"x240" Step=4" Pitch=-317",Yaw=-437"

Event # = 202
 80/04/09,04:11 DOY=100 Pitch=-266",Yaw=-387",Roll=0deg H.Ang=29deg
 Start Peak
 Optical SMM Pointing: N11W24
 Ha...Class=SN
 Importance=C3
 Peak...c/s=130
 Wavelength=1402A Code=00
 Exp # = 1219
 MaxkeV=52
 Rast=60"x60" Step=4" Pitch=-351",Yaw=-347"

Event # = 203
 80/04/09,04:47 DOY=100 Pitch=-266",Yaw=-387",Roll=0deg H.Ang=29deg
 Start Peak
 Optical SMM Pointing: N11W24
 Ha...Class=SN
 Importance=C2
 Peak...c/s=66
 Wavelength=1402A Code=00
 Exp # = 1219
 MaxkeV=52
 Rast=60"x60" Step=4" Pitch=-351",Yaw=-347"

Event # = 4273
 80/04/09,08:11 DOY=100 Pitch=-265",Yaw=-417",Roll=0deg H.Ang=31deg
 Start Peak
 Optical SMM Pointing: N11W26
 Ha...Class=SN
 Importance=C6
 Peak...c/s=127
 Wavelength=1215A
 Associated
 Qual=01
 Exp # = 205
 MaxkeV=52

Event # = 4274
 80/04/09,10:44 DOY=100 Pitch=-264",Yaw=-441",Roll=0deg H.Ang=32deg
 Start Peak
 Optical SMM Pointing: N11W28
 Ha...Class=SN
 Importance=C1
 Peak...c/s=120
 Wavelength=1174A Code=00
 Exp # = 1229
 MaxkeV=121
 Rast=10"x70" Step=15" Pitch=-274",Yaw=-450"

Event # = 206
 80/04/09,12:09 DOY=100 Pitch=-263",Yaw=-453",Roll=0deg H.Ang=33deg
 Start Peak
 Optical SMM Pointing: N11W29
 Ha...Class=SN
 Importance=C1
 Peak...c/s=122
 Wavelength=1174A Code=00
 Exp # = 1229
 MaxkeV=74
 Rast=10"x70" Step=15" Pitch=-274",Yaw=-450"

Event # = 207									
80/04/09,12:20		DOY=100	SMM Pointing:		N11W29	Pitch=-263", Yaw=-453", Roll=0deg		H. Ang=33deg	
Start		Peak	End times						
12:11		12:20	12:23		Qual=02				
GOES		Importance=C3							
12:12:40		12:13:50	12:14:20		Peak...c/s=76				
HXRBS						Tot Cts=836		MaxkeV=52	
Event # = 20740									
80/04/09,12:42		DOY=100	SMM Pointing:		S06W00	Pitch=+2", Yaw=-6", Roll=0deg		H. Ang=0deg	
Start		Peak	End times						
13:39					Qual=00				
GOES		Wavelength=1215A							
12:42		12:42	11:33		PA=282deg	Rast=187"x187" Step=3" Pitch=-16", Yaw=-18"			
C/P		Extrap St=04/09,11:33				Faint and amorphous			
Event # = 208									
80/04/09,17:06		DOY=100	SMM Pointing:		S06W01	Pitch=+0", Yaw=-18", Roll=0deg		H. Ang=1deg	
Start		Peak	End times						
17:04		17:06	17:09		Qual=01				
GOES		Importance=C2							
17:05:48		17:06:00	17:06:08		Peak...c/s=67				
HXRBS						MaxkeV=52			
Event # = 209									
80/04/09,18:37		DOY=100	SMM Pointing:		S06W00	Pitch=+0", Yaw=+0", Roll=0deg		H. Ang=0deg	
Start		Peak	End times						
18:37:24		18:37:42	18:37:54		Qual=00				
GOES		Peak...c/s=71				Flags=EW			
18:37:24		18:37:42	18:37:54		Qual=01				
HXRBS						MaxkeV=52			
Event # = 210									
80/04/09,21:56		DOY=100	SMM Pointing:		N12W34	Pitch=-277", Yaw=-529", Roll=0deg		H. Ang=38deg	
Start		Peak	End times						
21:54		21:56	22:00		Qual=01				
GOES		Importance=C2							
21:56:09		21:56:23	21:56:59		Qual=01				
HXRBS		Peak...c/s=85				Flags=EW			
21:41			Wavelength=2796A		Code=00	Step=0" Pitch=+18", Yaw=+71"			
UVSP						Exp #=1237			
Event # = 20123									
80/04/09,22:30		DOY=100	SMM Pointing:		N12W34	Pitch=-277", Yaw=-529", Roll=0deg		H. Ang=38deg	
Start		Peak	End times						
22:21		22:30	23:59		Qual=05				
GOES		Importance=C6							
22:04			Wavelength=2800A			Step=0" Pitch=-263", Yaw=-468"			
C/P		PA=260deg				Rast=3"x3"			
23:16		23:16	Extrap St=04/09,21:00		Exp #=1238				
UVSP						Loop may be double			
Event # = 211									
80/04/10,01:17		DOY=101	SMM Pointing:		N12W35	Pitch=-277", Yaw=-545", Roll=0deg		H. Ang=40deg	
Start		Peak	End times						
01:14		01:17	01:22		Qual=01				
GOES		Importance=C1							
01:16:48		01:17:00	01:18:03		Qual=01				
HXRBS		Peak...c/s=90							
00:50			Wavelength=1215A		Code=00	Exp #=1246			
UVSP						Rast=120" x120" Step=1" Pitch=-268", Yaw=-540"			
Radio Sweeps		Type/Intensity:							
80/04/10 DOY=101									
Pitch=-277", Yaw=-545", Roll=0deg									
H. Ang=40deg									
MaxkeV=52									
Rast=120" x120" Step=1" Pitch=-268", Yaw=-540"									

Event # = 212									
80/04/10,01:26	DOY=101	Start	End times	SMM Pointing:	N12W36	Pitch=-276", Yaw=-555", Roll=0deg	H. Ang=40deg		
Optical				Ha...Class=SN		Mac. =FKC			
GOES 01:24	01:26	01:35		Importance=C2	AR2370	Carr. Lon.=92deg	H. Ang=39deg		
HXRBS 01:24:30	01:25:30	01:26:14		Peak...c/s=340	Tot Cts=4939	MaxkeV=194			
UVSP 00:50				Wavelength=1215A	Exp # =1246	Rast=120"x120"	Pitch=-268", Yaw=-540"		
Radio Sweeps	Type/Intensity:			111/2 V/3		Step=1"			
Radio Frequency(MHz)/Flux(sfu):	4995/10 8800/39								
Event # = 213									
80/04/10,02:38	DOY=101	Start	End times	SMM Pointing:	N12W37	Pitch=-279", Yaw=-569", Roll=0deg	H. Ang=41deg		
Optical				Ha...Class=SF		Mac. =EKI			
GOES 02:32	02:38	02:43		Importance=C5	AR2377	Carr. Lon.=73deg	H. Ang=28deg		
HXRBS 02:37:50	02:38:18	02:39:50		Peak...c/s=93		MaxkeV=52			
UVSP 02:37				Wavelength=1237A	Exp # =1249	Rast=120"x120"	Pitch=-269", Yaw=-562"		
Radio Frequency(MHz)/Flux(sfu):	2695/13 4995/27 8800/45								
Event # = 215									
80/04/10,02:52	DOY=101	Start	End times	SMM Pointing:	N12W37	Pitch=-279", Yaw=-569", Roll=0deg	H. Ang=41deg		
Optical				Ha...Class=SB		Mac. =EKI			
GOES 02:43	02:52	02:54		Importance=C8	AR2377	Carr. Lon.=13deg	H. Ang=53deg		
HXRBS 02:50:50	02:51:18	02:52:30		Peak...c/s=385	AR2370	Carr. Lon.=76deg	H. Ang=32deg		
UVSP 02:38				Wavelength=1237A	Tot Cts=6822	MaxkeV=144			
Radio Frequency(MHz)/Flux(sfu):	245/13000 410/270 606/12			Code=00	Exp # =1250	Flags=FS			
				Associated Event # = 214	1415/31 15400/24	Step=3"	Pitch=-262", Yaw=-533"		
HXRBS 02:47:30	02:48:40	02:50:00		Peak...c/s=140	Tot Cts=6268	Rast=21"x21"			
Event # = 216									
80/04/10,04:45	DOY=101	Start	End times	SMM Pointing:	N12W38	Pitch=-278", Yaw=-580", Roll=0deg	H. Ang=42deg		
Optical				Ha...Class=SN		Mac. =EKI			
GOES 04:36	04:45	04:52		Importance=C2	AR2372	Carr. Lon.=104deg	H. Ang=43deg		
HXRBS 04:37:56	04:38:05	04:41:06		Peak...c/s=69		MaxkeV=52			
BGS 04:38	04:45	04:52		CaPeak.c/s=54	FePeak=04:45	FePeak.c/s=16	#Peaks=2 dt= 6.0s XEN=10101		
FCS 04:47				Peak3...c/s=227		Rast=240"x240"	Step=15" Cad= 262s 1.024s/pixel		
HXIS 04:04				Peak...c/s=104	Exp # =1253	Rast=21"x21"	Pitch=-259", Yaw=-546"		
UVSP 04:04				Wavelength=1237A		Step=3"			
Event # = 217									
80/04/10,08:02	DOY=101	Start	End times	SMM Pointing:	N12W40	Pitch=-278", Yaw=-603", Roll=0deg	H. Ang=44deg		
Optical				Ha...Class=SN		Mac. =CHO			
GOES 07:54	08:02	08:19		Importance=C6	AR2373	Carr. Lon.=30deg	H. Ang=35deg		
HXRBS 07:55:54	07:57:32	07:59:34		Peak...c/s=90		MaxkeV=97			
UVSP 07:16				Wavelength=1237A	Tot Cts=4188	Rast=21"x21"	Pitch=-261", Yaw=-563"		
				Associated Event # = 218	Exp # =1259	Step=3"			
HXRBS 08:00:10	08:00:40	08:00:55		Peak...c/s=80	Event # = 218	MaxkeV=97			

Event # = 20033									
80/04/10, 08:40	DOY=101	Start	End times	SMM Pointing:	N12W40		Pitch=-278", Yaw=-603", Roll=0deg	H. Ang=44deg	
GOES 08:32	08:40	Peak	08:57	Importance=C4	Qual=05				
BCS 08:46	08:46	Peak	08:53	CaPeak.c/s=36	Qual= 5	FePeak=08:46			XEN=10103
FCS 08:51	08:51	Peak		Peak3..c/s=227		Exp #=1260			Cad=65.5s 1.024s/pixel
UVSP 08:49				Wavelength=1237A	Code=02				Pitch=-268", Yaw=-605"
Event # = 219									
80/04/10, 09:22	DOY=101	Start	End times	SMM Pointing:	N12W41		Pitch=-278", Yaw=-613", Roll=0deg	H. Ang=45deg	
Optical									
GOES 09:14	09:22	Peak	09:30	Ha...Class=1N	N12W42		Mac.=EKI		
HXRBS 09:16:00	09:18:50	Peak	09:28:00	Importance=M4	Qual=01	AR2372	Carr. Lon.=105deg		H. Ang=45deg
BCS 08:58	09:21	Peak	09:45	Peak...c/s=4400	Qual=01	Tot Cts=3.00E+5			
FCS 09:22	09:22	Peak		CaPeak.c/s=1668	Qual= 1	FePeak=09:20			Flags=M
HXIS 09:21	09:21	Peak		Peak3..c/s=3826		Exp #=1262			#Peaks=1 dt= 6.0s XEN=10100
UVSP 08:53				Peak...c/s=3153		15400/77			Rast=240"x240" Step=15" Cad= 262s 1.024s/pixel
Radio	Frequency(MHz)/Flux(sfu):			Wavelength=1237A	Code=00		Rast=21"x21" Step=3" Pitch=-246", Yaw=-661"		
	2695/39 4995/150 8800/180								
Event # = 220									
80/04/10, 10:28	DOY=101	Start	End times	SMM Pointing:	N12W42		Pitch=-277", Yaw=-624", Roll=0deg	H. Ang=45deg	
GOES 10:26	10:28	Peak	10:32	Importance=C3	Qual=01				
HXRBS 10:24:10	10:27:10	Peak	10:28:00	Peak...c/s=115	Qual=01	Tot Cts=4131			Flags=AX
BCS 10:22	10:26	Peak	10:27	CaPeak.c/s=22	Qual= 5	FePeak=10:26			#Peaks=1 XEN=10130
FCS 10:27	10:26	Peak		Peak3..c/s=63		Exp #=1264			Rast=240"x240" Step=15" Cad= 262s 1.024s/pixel
UVSP 10:27				Wavelength=1234A	Code=00		Rast=3"x3" Step=0" Pitch=-242", Yaw=-641"		
Event # = 20034									
80/04/10, 10:53	DOY=101	Start	End times	SMM Pointing:	N12W42		Pitch=-277", Yaw=-624", Roll=0deg	H. Ang=45deg	
GOES 10:40	10:53	Peak	11:50	Importance=C3	Qual=03				
BCS 10:29	10:54	Peak	11:21	CaPeak.c/s=72	Qual= 1	FePeak=10:54			
FCS 10:45	10:45	Peak		Peak3..c/s=104		Exp #=1265			dt= 6.0s XEN=10127
UVSP 10:28				Wavelength=1237A	Code=00				Cad= 262s 1.024s/pixel
Event # = 20039									
80/04/10, 12:47	DOY=101	Start	End times	SMM Pointing:	N12W43		Pitch=-277", Yaw=-634", Roll=0deg	H. Ang=46deg	
GOES 12:47	12:47	Peak	12:47	Importance=C3	Qual=00				
BCS 12:05	12:47	Peak		CaPeak.c/s=21	Qual= 5	FePeak=12:47			XEN=10108
UVSP 12:05				Wavelength=1237A		Exp #=1268			Pitch=-254", Yaw=-586"
Event # = 221									
80/04/10, 12:56	DOY=101	Start	End times	SMM Pointing:	N12W43		Pitch=-277", Yaw=-634", Roll=0deg	H. Ang=46deg	
Optical									
GOES 12:50	12:56	Peak	13:03	Ha...Class=SN	N11W46		Mac.=EKI		
HXRBS 12:51:34	12:52:50	Peak	12:54:46	Importance=C4	Qual=05	AR2372	Carr. Lon.=107deg		H. Ang=49deg
BCS 12:52	12:55	Peak	12:57	Peak...c/s=170	Qual=01	Tot Cts=5358			
FCS 12:54	12:54	Peak		CaPeak.c/s=96	Qual= 3	FePeak=12:54			MaxkeV=52
HXIS 12:05	12:54	Peak		Peak3..c/s=361		Exp #=1268			FePeak.c/s=38 #Peaks=1 XEN=10109
UVSP 12:05				Wavelength=1237A			Rast=240"x240" Step=15" Cad= 262s 1.024s/pixel		
							Rast=21"x21" Step=3" Pitch=-254", Yaw=-586"		

Event # = 20124									
80/04/10, 17:02	DOY=101		SMM Pointing:	N13W45		Pitch=-275", Yaw=-665", Roll=0deg		H. Ang=49deg	
Optical	Start	End times	Ha...Class=SB	N13W49		Mac.=EKI		H. Ang=52deg	
GOES	16:59	17:02	Importance=C2	Qual=02	AR2372				
BCS	17:00	17:04	CaPeak.c/s=26	Qual=1	FePeak=17:02		#Peaks=1 dt= 3.0s	XEN=10110	
FCS	17:02	17:02	Peak3...c/s=264				Rast=180"x180" Step=15" Cad= 147s	1.024s/pixel	
Radio	Frequency(MHz)/Flux(sfu):		245/530 410/1900						
BCS	17:06	17:06	CaPeak.c/s=19	Associated	Event # = 20745				
				Qual=1	FePeak=17:06		FePeak.c/s=9 #Peaks=1	XEN=10112	
Event # = 20125									
80/04/10, 17:24	DOY=101		SMM Pointing:	N13W45		Pitch=-275", Yaw=-665", Roll=0deg		H. Ang=49deg	
Optical	Start	End times	Ha...Class=1B	N13W49		Mac.=EKI		H. Ang=52deg	
GOES	17:20	17:24	Importance=M3	Qual=05	AR2372				
BCS	18:22	18:26	CaPeak.c/s=46	Qual=5	FePeak=18:26		#Peaks=1 dt= 3.0s	XEN=10113	
FCS	18:22	18:22	Peak3...c/s=494				Rast=180"x180" Step=15" Cad= 147s	1.024s/pixel	
HXIS	18:26	18:26	Peak...c/s=88						
Radio	Frequency(MHz)/Flux(sfu):		410/36 606/26 1415/120 2695/190 4995/240						
Event # = 222									
80/04/10, 20:13	DOY=101		SMM Pointing:	N13W47		Pitch=-275", Yaw=-685", Roll=0deg		H. Ang=50deg	
GOES	20:12	20:13	Importance=C3	Qual=01					
HXRBS	20:13:25	20:14:15	Peak...c/s=84	Qual=01		MaxkeV=52	Flags=EW	XEN=10119	
BCS	20:14	20:17	CaPeak.c/s=23	Qual=1	FePeak=20:14	FePeak.c/s=8 #Peaks=1	Step=15" Cad= 147s	1.024s/pixel	
FCS	20:15	20:15	Peak3...c/s=127			Rast=180"x180" Step=0" Pitch=-227", Yaw=-670"			
UVSP	20:11		Wavelength=1395A	Code=00	Exp #=1271				
Event # = 223									
80/04/10, 22:03	DOY=101		SMM Pointing:	N13W48		Pitch=-274", Yaw=-695", Roll=0deg		H. Ang=51deg	
Optical	Start	End times	Ha...Class=1N	S32E42	AR2375	Mac.=FK0	Carr. Lon.=14deg	H. Ang=47deg	
GOES	21:52	22:03	Importance=C7	Qual=01					
HXRBS	21:56:15	21:57:50	Peak...c/s=91	Qual=01	Tot Cts=3890	MaxkeV=52	Flags=EW	XEN=10121	
BCS	22:03	22:08	CaPeak.c/s=31	Qual=1	FePeak=22:08	FePeak.c/s=6 #Peaks=1	dt= 3.0s	1.024s/pixel	
FCS	22:05	22:05	Peak3...c/s=73			Rast=180"x180" Step=15" Cad= 147s	1.024s/pixel		
UVSP	22:03		Wavelength=1414A	Code=02	Exp #=1283	Rast=3"x3" Step=0" Pitch=-227", Yaw=-681"			
Event # = 20040									
80/04/11, 00:46	DOY=102		SMM Pointing:	N13W49		Pitch=-274", Yaw=-705", Roll=0deg		H. Ang=52deg	
GOES	00:40	00:46	Importance=C2	Qual=05					
BCS	00:46	00:46	CaPeak.c/s=22	Qual=5	FePeak=00:46	FePeak.c/s=12 #Peaks=1	Step=15" Cad= 147s	XEN=10200	
FCS	00:46	00:46	Peak3...c/s=132			Rast=180"x180" Step=0" Pitch=-226", Yaw=-697"			
UVSP	00:47		Wavelength=1214A	Code=02	Exp #=1300	Rast=3"x3" Step=0" Pitch=-226", Yaw=-697"			

Event # = 234									
80/04/11, 13:50	Start	DOY=102	Peak	End times	SMM Pointing:	N12W59	Pitch=-245", Yaw=-807", Roll=0deg	H. Ang=62deg	
Optical							Mac.=ESI		
GOES	13:49	13:50	14:00	14:00	Ha...Class=SB	N14W66	AR2372		
HXRBS	13:48:30	13:50:10	13:51:55	13:51:55	Importance=C6	Qual=01			H. Ang=68deg
BCS	13:49	13:51	13:58	13:58	Peak...c/s=1150	Qual=01			
FCS					CaPeak.c/s=163	Qual= 2			
HXIS					Peak3...c/s=2029				XEN=10220
Radio	Frequency (MHz)/Flux(sfu):				Peak...c/s=292				1.024s/pixel
					2695/12				
Event # = 20064									
80/04/11, 14:37	Start	DOY=102	Peak	End times	SMM Pointing:	N12W59	Pitch=-245", Yaw=-807", Roll=0deg	H. Ang=62deg	
GOES	14:21	14:37	14:50	14:50	Importance=C2	Qual=02			
BCS	14:29	14:31	14:32	14:32	CaPeak.c/s=21	Qual= 1			
FCS		14:32			Peak3...c/s=17				XEN=10231
									1.024s/pixel
Event # = 235									
80/04/11, 15:11	Start	DOY=102	Peak	End times	SMM Pointing:	N12W59	Pitch=-245", Yaw=-807", Roll=0deg	H. Ang=62deg	
Optical							Mac.=ESI		
GOES	15:07	15:11	15:14	15:14	Ha...Class=SN	N14W66	AR2372		
HXRBS	15:10:30	15:11:15	15:12:40	15:12:40	Importance=C3	Qual=04			
BCS	15:09	15:12	15:19	15:19	Peak...c/s=265	Qual=01			
FCS		15:14			CaPeak.c/s=41	Qual= 1			
HXIS		15:13			Peak3...c/s=252				XEN=10222
					Peak...c/s=80				1.024s/pixel
Event # = 236									
80/04/11, 17:03	Start	DOY=102	Peak	End times	SMM Pointing:	N12W60	Pitch=-249", Yaw=-814", Roll=0deg	H. Ang=63deg	
GOES	17:00	17:03	17:05	17:05	Importance=C1	Qual=01			
HXRBS	17:02:55	17:03:00	17:03:30	17:03:30	Peak...c/s=72	Qual=01			
							MaxkeV=52		
Event # = 237									
80/04/11, 18:22	Start	DOY=102	Peak	End times	SMM Pointing:	N13W62	Pitch=-252", Yaw=-826", Roll=0deg	H. Ang=64deg	
Optical							Mac.=CAO		
GOES	18:21	18:22	18:24	18:24	Ha...Class=SN	S18E05	AR2373		
HXRBS	18:21:10	18:21:40	18:27:10	18:27:10	Importance=C7	Qual=01			
UVSP	18:22				Peak...c/s=260	Qual=01			
Radio	Frequency (MHz)/Flux(sfu):				WaveLength=1411A	Code=02			
					245/990 410/170 606/8 1415/10 2695/35 4995/30				
Event # = 238									
80/04/11, 20:33	Start	DOY=102	Peak	End times	SMM Pointing:	N13W63	Pitch=-255", Yaw=-833", Roll=0deg	H. Ang=65deg	
GOES	20:31	20:33	20:40	20:40	Importance=C2	Qual=01			
HXRBS	20:33:25	20:33:50	20:34:30	20:34:30	Peak...c/s=91	Qual=01			
BCS	20:34	20:34	20:37	20:37	CaPeak.c/s=29	Qual= 1			
FCS		20:35			Peak3...c/s=169				XEN=10225
UVSP	20:04				WaveLength=1411A	Code=00			1.024s/pixel
									Pitch=-234", Yaw=-80s

Event # = 20065														
80/04/11,21:38	DOY=102	SMM Pointing:		N13W63	Pitch=-255", Yaw=-834", Roll=0deg		H. Ang=65deg							
Optical	Start	End times												
GOES	21:38	21:40	Importance=C2	Qual=01										
BCS	21:35	21:35	CaPeak.c/s=19	Qual=1										
FCS	21:35	21:35	Peak3...c/s=10											
UVSP	21:34		Wavelength=1411A	Code=00	FePeak.c/s=8 #Peaks=1 XEN=10228 Rast=300"x300" Step=15" Cad= 410s 1.024s/pixel Rast=240"x240" Step=4" Pitch=-305", Yaw=-892"									
Event # = 239														
80/04/11,21:42	DOY=102	SMM Pointing:		N13W63	Pitch=-255", Yaw=-834", Roll=0deg		H. Ang=65deg							
Optical	Start	End times												
GOES	21:40	21:50	Ha...Class=SF	S11E53										
HXRBS	21:32:15	21:42:50	Importance=C3	Qual=01										
BCS	21:44	21:46	Peak...c/s=480											
FCS	21:42	21:47	CaPeak.c/s=28	Qual=1										
UVSP	21:42		Peak3...c/s=330		MaxkeV=249 dt= 6.0s XEN=10229 FePeak.c/s=10 #Peaks=1 Cad= 147s 1.024s/pixel Rast=180"x180" Step=15" Pitch=-215", Yaw=-886" Rast=60"x60" Step=4" Pitch=-215", Yaw=-886"									
Radio	Frequency (MHz)/Flux(sfu):	1415/190												
Event # = 240														
80/04/11,22:03	DOY=102	SMM Pointing:		N13W63	Pitch=-255", Yaw=-834", Roll=0deg		H. Ang=65deg							
Optical	Start	End times												
GOES	22:01	22:05	Importance=C1	Qual=01										
HXRBS	22:02:55	22:03:00	Peak...c/s=70	Qual=01										
UVSP	21:42		Wavelength=1411A	Code=00	MaxkeV=249 Step=4" Pitch=-215", Yaw=-886" Rast=60"x60" Step=4" Pitch=-215", Yaw=-886"									
Event # = 241														
80/04/11,23:12	DOY=102	SMM Pointing:		N13W63	Pitch=-255", Yaw=-834", Roll=0deg		H. Ang=65deg							
Optical	Start	End times												
GOES	23:08	23:12	Ha...Class=IN	N10W70										
HXRBS	23:08:10	23:10:50	Ha...Class=SN	S30E22										
BCS	23:08	23:11	Importance=M2	Qual=04										
FCS	23:13	23:13	Peak...c/s=360	Qual=02										
HXIS	23:11		CaPeak.c/s=299	Qual=4										
UVSP	23:09		Peak3...c/s=1060		Tot Cts=32000 FePeak=23:10 FePeak.c/s=68 #Peaks=1 Cad= 410s 1.024s/pixel Rast=300"x300" Step=15" Pitch=-307", Yaw=-897" Rast=240"x240" Step=4" Pitch=-307", Yaw=-897"									
Radio	Frequency (MHz)/Flux(sfu):	8800/56												
Event # = 242														
80/04/12,00:58	DOY=103	SMM Pointing:		N13W65	Pitch=-258", Yaw=-844", Roll=0deg		H. Ang=67deg							
Optical	Start	End times												
GOES	00:51	00:58	Ha...Class=1F	N13W72										
HXRBS	00:54:10	00:56:30	Importance=C6	Qual=01										
BCS	00:51	00:57	Peak...c/s=115	Qual=01										
FCS	01:00	01:00	CaPeak.c/s=172	Qual=1										
HXIS	00:58		Peak3...c/s=638											
UVSP	00:54		Wavelength=1411A	Code=00	Tot Cts=4640 FePeak=00:56 FePeak.c/s=35 #Peaks=2 Cad= 147s 1.024s/pixel Rast=180"x180" Step=15" Pitch=-210", Yaw=-841" Rast=4"x32" Step=4" Pitch=-210", Yaw=-841"									

Event # = 243									
80/04/12 02:20	Start	DOY=103	Peak	End times	SMM Pointing:	N13W65	Pitch=-258", Yaw=-844", Roll=0deg	H. Ang=67deg	
Optical					Ha...Class=SN				
GOES	02:06	02:20	02:40	02:40	Importance=C4	Qual=04	Mac.=FKI	Carr. Lon.=15deg	H. Ang=35deg
HXRBS	02:20:00	02:20:30	02:21:25	02:21:25	Peak...c/s=66	Qual=01	MaxkeV=53		
BCS	02:20	02:23	02:31	02:31	CaPeak.c/s=34	Qual= 4	FePeak=02:23		
FCS	02:28				Peak3...c/s=72				
UVSP	02:21				Wavelength=1411A	Code=02	Rast=240"x240"	dt= 6.1s	XEN=10303
							Exp #=1340	Step=15"	Cad= 410s
								Pitch=-309"	Yaw=-908"
Event # = 244									
80/04/12 04:44	Start	DOY=103	Peak	End times	SMM Pointing:	N14W66	Pitch=-261", Yaw=-854", Roll=0deg	H. Ang=69deg	
Optical					Ha...Class=SF				
GOES	04:39	04:44	04:54	04:54	Importance=C2	Qual=01	Mac.=CK0	Carr. Lon.=112deg	H. Ang=75deg
HXRBS	04:54:00	04:54:10	04:54:15	04:54:15	Peak...c/s=70	Qual=01	MaxkeV=53	Flags=EW	
UVSP	04:12				Wavelength=1238A	Code=00	Rast=91"x91"	Step=3"	Pitch=-236", Yaw=-839"
							Exp #=1345		
Event # = 245									
80/04/12 05:42	Start	DOY=103	Peak	End times	SMM Pointing:	N14W66	Pitch=-261", Yaw=-854", Roll=0deg	H. Ang=69deg	
GOES	05:40	05:42	05:44	05:44	Importance=C2	Qual=01			
HXRBS	05:41:30	05:41:40	05:43:40	05:43:40	Peak...c/s=490	Qual=01	MaxkeV=195	Flags=FS	
UVSP	05:37				Wavelength=1306A	Code=00	Rast=240"x240"	Step=3"	Pitch=-313", Yaw=-918"
							Tot Cts=7680		
							Exp #=1347		
Event # = 246									
80/04/12 06:02	Start	DOY=103	Peak	End times	SMM Pointing:	N14W66	Pitch=-261", Yaw=-854", Roll=0deg	H. Ang=69deg	
Optical					Ha...Class=SB				
GOES	05:44	06:02	06:12	06:12	Importance=C5	Qual=01	Mac.=FKI	Carr. Lon.=19deg	H. Ang=30deg
HXRBS	05:52:00	05:55:30	06:03:55	06:03:55	Peak...c/s=345	Qual=01	MaxkeV=144	Flags=EW	
HXIS	06:02								
UVSP	05:58				Wavelength=1237A	Code=00	Rast=90"x90"	Step=3"	Pitch=-238", Yaw=-844"
Radio Sweeps		Type/Intensity:			111/1				
Radio		Frequency(MHz)/Flux(sfu):			2695/12 4995/53 8800/57 15400/33				
Event # = 247									
80/04/12 06:38	Start	DOY=103	Peak	End times	SMM Pointing:	N14W66	Pitch=-261", Yaw=-854", Roll=0deg	H. Ang=69deg	
Optical					Ha...Class=LB				
GOES	06:30	06:38	06:50	06:50	Importance=C9	Qual=02	Mac.=FKI	Carr. Lon.=98deg	H. Ang=62deg
HXRBS	06:30:10	06:30:50	06:31:25	06:31:25	Peak...c/s=71	Qual=01	MaxkeV=53	Flags=EW	
UVSP	05:58				Wavelength=1237A	Code=01	Rast=90"x90"	Step=3"	Pitch=-238", Yaw=-844"
Radio		Frequency(MHz)/Flux(sfu):			606/11 1415/6 2695/33				
Event # = 248									
80/04/12 08:46	Start	DOY=103	Peak	End times	SMM Pointing:	N14W68	Pitch=-265", Yaw=-865", Roll=0deg	H. Ang=71deg	
GOES					Peak...c/s=80	Qual=06			
HXRBS	08:46:15	08:46:50	08:47:40	08:47:40	Wavelength=1215A	Qual=01	MaxkeV=53	Flags=EW	
UVSP	08:45				2695/76 4995/15 8800/27		Rast=3"x3"	Step=0"	Pitch=-241", Yaw=-846"
Radio		Frequency(MHz)/Flux(sfu):					Exp #=1355		

Event # = 249									
80/04/12,09:25	Start	DOY=103	Peak	SMM Pointing:		N14W68	Pitch=-265", Yaw=-865", Roll=0deg		
Optical			End times	Ha...Class=SN		S33E20	Mac.=FKI Carr. Lon.=16deg		
GOES	09:01	09:25	09:49	Importance=M1		Qual=01	AR2375		
HXRBS	09:07:40	09:20:40	09:28:30	Peak...c/s=70		Qual=01	Tot Cts=20000		
UVSP	09:23			Wavelength=1213A		Code=00	Exp #=1371		
						Associated	Event # = 250		
HXRBS	09:40:00	09:40:05	09:40:22	Peak...c/s=140		Qual=01	Tot Cts=1101		
UVSP	09:38			Wavelength=1213A		Exp #=1377	Rast=3"x3" Pitch=0" Yaw=-854"		

Event # = 251									
80/04/12,13:40	Start	DOY=103	Peak	SMM Pointing:		N12W71	Pitch=-225", Yaw=-888", Roll=0deg		
Optical			End times	Ha...Class=SN		S17W06	Mac.=CK0 Carr. Lon.=40deg		
GOES	13:37	13:40	13:42	Importance=C3		Qual=01	AR2373		
HXRBS	13:37:55	13:38:25	13:41:25	Peak...c/s=76		Qual=01	Tot Cts=2600		
Radio Sweeps			Type/Intensity:	V/I			MaxkeV=53		

Event # = 252									
80/04/12,14:33	Start	DOY=103	Peak	SMM Pointing:		N12W71	Pitch=-225", Yaw=-888", Roll=0deg		
Optical			End times	Ha...Class=SN		S30E17	Mac.=FKI Carr. Lon.=16deg		
GOES	14:28	14:33	14:39	Importance=C3		Qual=02	AR2375		
HXRBS	14:28:05	14:28:15	14:31:25	Peak...c/s=145		Qual=13	Tot Cts=1824		

Event # = 253									
80/04/12,15:08	Start	DOY=103	Peak	SMM Pointing:		N12W71	Pitch=-225", Yaw=-888", Roll=0deg		
Optical			End times	Ha...Class=SF		N19W41	Mac.=FKC Carr. Lon.=74deg		
GOES	15:07	15:08	15:11	Importance=C2		Qual=05	AR2370		
HXRBS	15:08:10	15:08:30	15:09:35	Peak...c/s=60		Qual=01	MaxkeV=53		

Event # = 254									
80/04/12,15:26	Start	DOY=103	Peak	SMM Pointing:		N12W71	Pitch=-225", Yaw=-888", Roll=0deg		
Optical			End times	Ha...Class=SN		S17E48	Mac.=BX0 Carr. Lon.=345deg		
GOES	15:23	15:26	16:12	Importance=C3		Qual=03	AR2390		
HXRBS	15:24:20	15:24:40	15:24:50	Peak...c/s=70		Qual=01	MaxkeV=53		
						Associated	Event # = 255		
HXRBS	15:26:50	15:27:00	15:27:20	Peak...c/s=58		Qual=01	MaxkeV=53		

Event # = 256									
80/04/12,16:45	Start	DOY=103	Peak	SMM Pointing:		N12W71	Pitch=-225", Yaw=-888", Roll=0deg		
Optical			End times	Ha...Class=SN		N13E25	Mac.=AXX Carr. Lon.=7deg		
GOES	16:43	16:45	16:48	Importance=C1		Qual=05	AR2379		
HXRBS	16:45:00	16:45:20	16:45:40	Peak...c/s=60		Qual=01	MaxkeV=53		

Event # = 257									
80/04/12,17:06	Start	DOY=103	Peak	SMM Pointing:		N12W75	Pitch=-225", Yaw=-905", Roll=0deg		
Optical			End times	Ha...Class=SF		S22W07	Mac.=CK0 Carr. Lon.=39deg		
GOES	17:01	17:06	17:15	Importance=C2		Qual=01	AR2373		
HXRBS	17:09:20	17:09:35	17:09:40	Peak...c/s=75		Qual=01	MaxkeV=53		

Flags=EW									

Event # = 261									
80/04/13,04:09	DOY=104	SMM Pointing:			N11W78	Pitch=-206", Yaw=-918", Roll=0deg			
Start	Peak	End times				H. Ang=79deg			
Optical		Ha...Class=1F			N10W77	Mac.=DAO Carr. Lon.=103deg			
GOES	04:02	04:09	04:31		Qual=01	MaxkeV=144			
HXRBS	04:02:30	04:05:20	04:19:00		Peak...c/s=800	Flags=M			
BCS	04:03	04:07	04:54		CaPeak.c/s=530	#Peaks=1			
FCS	04:11	04:11			Peak3...c/s=1826	Rast=180"x180" Step=15" Cad= 147s			
HXIS	04:07	04:07			Peak...c/s=1099	XEN=10400			
UVSP	03:59				Wavelength=1372A	Step=10" Pitch=-251", Yaw=-978"			
Radio	Frequency (MHz)/Flux(sfu): 2695/64 4995/62 8800/61								
					Associated				
HXRBS	04:20:00	04:20:40	04:23:00		Qual=01	MaxkeV=98			
Event # = 263									
80/04/13,04:59	DOY=104	SMM Pointing:			N11W78	Pitch=-206", Yaw=-918", Roll=0deg			
Start	Peak	End times				H. Ang=79deg			
Optical		Ha...Class=SN			S30E16	Mac.=FKI Carr. Lon.=9deg			
GOES	04:54	04:59	05:08		Qual=02	H. Ang=29deg			
HXRBS	04:53:00	04:53:30	04:55:00		Peak...c/s=550	MaxkeV=121			
UVSP	05:33				Wave length=1323A	Rast=10"x10" Step=0" Pitch=-251", Yaw=-978"			
Event # = 264									
80/04/13,05:45	DOY=104	SMM Pointing:			N12W81	Pitch=-206", Yaw=-928", Roll=0deg			
Start	Peak	End times				H. Ang=83deg			
GOES	05:43	05:45	05:50		Qual=01	MaxkeV=98			
HXRBS	05:45:48	05:45:54	05:46:10		Importance=C3	FePeak.c/s=6 #Peaks=1 dt=11.3s XEN=10404			
BCS	05:31	05:44	06:24		Peak...c/s=115	Rast=180"x180" Step=15" Cad= 147s			
FCS	05:34	05:34			CaPeak.c/s=30	Step=10" Pitch=-251", Yaw=-982"			
UVSP	05:36				Peak3...c/s=193	Rast=240"x240" Step=10" Pitch=-251", Yaw=-982"			
					Wave length=1372A				
					Associated				
HXRBS	05:46:30	05:46:40	05:47:10		Qual=01	MaxkeV=53			
					Peak...c/s=68				
					Associated				
HXRBS	05:47:20	05:47:26	05:47:53		Qual=01	MaxkeV=98			
Event # = 20131									
80/04/13,08:43	DOY=104	SMM Pointing:			N12W81	Pitch=-206", Yaw=-928", Roll=0deg			
Start	Peak	End times				H. Ang=83deg			
Optical		Ha...Class=SN			N11W80	Mac.=DAO Carr. Lon.=103deg			
GOES	08:33	08:43	08:48		Qual=05	H. Ang=81deg			
BCS	08:42	08:42	09:11		Qual= 5	XEN=10406			
FCS	08:43	08:43			CaPeak.c/s=169	#Peaks=2			
HXIS	08:41	08:41			Peak3...c/s=490	Rast=180"x180" Step=15" Cad= 147s			
UVSP	08:45				Peak...c/s=396	Step=3" Pitch=-254", Yaw=-986"			
C/P	09:15	Extrap	St=04/13,08:30		Wave length=3108A	Rast=240"x240" Step=3" Pitch=-254", Yaw=-986"			
					PA=302deg	Spike, sugg. cntr. struc. earlier event			

Event # = 269
80/04/13 09:06 DOY=104
Start Peak End times
GOES 09:01 09:06 09:14
HXRB 09:03:20 09:04:10 09:05:58
BCS 09:03 09:06 09:12
FCS 08:57
UVSP
Radio Frequency (MHz)/Flux(sfu): 606/110 1415/39 2695/64 4995/44 8800/110
SMM Pointing: Importance=C6 Qual=01
Peak...c/s=2000 Qual=01 Tot Cts=34898
CaPeak...c/s=115
Peak3...c/s=176
WaveLength=1548A Code=00 Exp #=1402 Cad= 148s
Rast=180"x180" Step=15" Pitch=263" Yaw=-999"
15400/80
HXRB 09:00:20 09:00:45 09:00:58 Peak...c/s=62 Qual=01
Associated Event # = 267
HXRB 09:02:00 09:02:15 09:02:35 Peak...c/s=140 Qual=01
Associated Event # = 268
HXRB 09:06:30 09:06:45 09:07:00 Peak...c/s=85 Qual=01
Associated Event # = 270
HXRB 09:07:10 09:07:32 09:08:05 Peak...c/s=75 Qual=01
Associated Event # = 271
HXRB 09:13:22 09:13:34 09:13:44 Peak...c/s=73 Qual=01
Associated Event # = 272
MaxkeV=75
MaxkeV=98
MaxkeV=53
MaxkeV=53
MaxkeV=98
Pitch=-206", Yaw=-941", Roll=0deg
MaxkeV=249
Flags=M
Rast=180"x180" Step=15" Cad= 148s
Rast=240"x240" Step=3" Pitch=263" Yaw=-999"

Event # = 273
80/04/13 10:24 DOY=104
Start Peak End times
GOES 10:23 10:24 10:25
HXRB 10:23:45 10:23:58 10:25:00
Radio Frequency (MHz)/Flux(sfu): 245/730 410/240 606/110 1415/32
SMM Pointing: N12W83
Importance=C2 Qual=01
Peak...c/s=260 Qual=01 Tot Cts=2956
245/730 410/240 606/110 1415/32
MaxkeV=98
Flags=FS
Pitch=-207", Yaw=-931", Roll=0deg
H. Ang=84deg

Event # = 274
80/04/13 11:13 DOY=104
Start Peak End times
Optical
GOES 11:09 11:13 11:51
HXRB 11:11:50 11:13:00 11:14:00
BCS 11:01 11:12 11:18
FCS 11:06
SMM Pointing: N12W83
Ha...Class=18 N15E45
Importance=C4 Qual=02
Peak...c/s=92 Qual=01
CaPeak...c/s=24 Qual= 5
Peak3...c/s=152 FePeak=11:12
MaxkeV=53
FePeak.c/s=18 #Peaks=1 dt=11.3s XEN=10407
Rast=180"x180" Step=15" Cad= 147s
Pitch=-207", Yaw=-931", Roll=0deg
H. Ang=84deg
Mac.=DAO Carr. Lon.=337deg
H. Ang=49deg

Event # = 275
80/04/13 12:30 DOY=104
Start Peak End times
Optical
GOES 12:26 12:30 12:41
HXRB 12:27:25 12:29:42 12:31:19
BCS 12:48 12:49 12:52
FCS 12:50
Radio Frequency (MHz)/Flux(sfu): 245/2200 410/89 606/360 1415/39 2695/16 8800/21
SMM Pointing: N12W83
Ha...Class=SN S05E04
Importance=C3 Qual=05
Peak...c/s=490 Qual=01
CaPeak...c/s=29 Qual= 1
Peak3...c/s=177 FePeak=12:49
245/2200 410/89 606/360 1415/39 2695/16 8800/21
Associated Event # = 276
HXRB 12:39:45 12:40:10 12:40:45 Peak...c/s=140 Qual=01 Tot Cts=1052
MaxkeV=121
Pitch=-207", Yaw=-931", Roll=0deg
H. Ang=84deg
Mac.=EKI Carr. Lon.=17deg
H. Ang=4deg
MaxkeV=144
FePeak.c/s=16 #Peaks=1 XEN=10408
Rast=180"x180" Step=15" Cad= 147s
Pitch=-207", Yaw=-931", Roll=0deg
H. Ang=84deg

Event # = 277
80/04/13 12:50 DOY=104
Start Peak End times
Optical
GOES 12:41 12:50 13:04
HXRB 12:44:10 12:47:20 12:47:30
SMM Pointing: N12W83
Ha...Class=S8 N15E45
Importance=C3 Qual=03
Peak...c/s=87 Qual=01
MaxkeV=98
Carr. Lon.=336deg
H. Ang=49deg
Pitch=-207", Yaw=-931", Roll=0deg
H. Ang=84deg

Event # = 283									
80/04/13, 23:20	Start	DOY=104	Peak	End times		SMM Pointing:	N13W76	Pitch=-243", Yaw=-903", Roll=0deg	H.Ang=77deg
Optical						Ha...Class=18			
GOES	23:00	23:20	23:40			Importance=C4	AR2389	Mac.=CR0	H.Ang=25deg
HXRBS	23:15:00	23:16:20	23:16:56			Peak...c/s=93			
BCS	23:19	23:23	23:29			CaPeak.c/s=12		MaxkeV=53	
UVSP	23:08					Wavelength=1215A	Code=00	Rast=60"x60"	Pitch=-205", Yaw=-947"
							Exp #=1407	Step=1"	
80/04/14, 01:47									
Event # = 20067									
80/04/14, 01:47	Start	DOY=105	Peak	End times		SMM Pointing:	N13W76	Pitch=-243", Yaw=-903", Roll=0deg	H.Ang=77deg
GOES	01:31	01:47	01:51			Importance=C2			
BCS	01:36	01:40	01:41			CaPeak.c/s=32	Qual=02		
FCS	01:39	01:40	01:41			Peak3...c/s=72	Qual=3	FePeak=01:40	dt= 3.0s XEN=10500
UVSP	02:18					Wavelength=1215A	Exp #=1410	Rast=180"x180"	Cad= 147s 1.024s/pixel
								Step=3"	Pitch=-289", Yaw=-957"
80/04/14, 04:48									
Event # = 20132									
80/04/14, 04:48	Start	DOY=105	Peak	End times		SMM Pointing:	N13W90		H.Ang=91deg
GOES									
UVSP	03:54					Wavelength=1215A	Qual=00		
C/P	04:48	Extrap	St=04/14, 03:56			PA=3deg	Interior	Rast=60"x60"	Pitch=-204", Yaw=-947"
							Exp #=1411	Step=3"	
							twisted loop emitting in H-alpha		
80/04/14, 05:59									
Event # = 284									
80/04/14, 05:59	Start	DOY=105	Peak	End times		SMM Pointing:	N13W90		H.Ang=91deg
Optical						Ha...Class=SF			
GOES	05:57	05:59	06:00			Importance=C2	S07E04	Mac.=EKI	H.Ang=4deg
HXRBS	05:57:40	05:57:50	05:58:20			Peak...c/s=57	Qual=01		
UVSP	05:29					Wavelength=1215A	Code=00	MaxkeV=53	
							Exp #=1412	Rast=60"x60"	Pitch=-204", Yaw=-947"
80/04/14, 07:18									
Event # = 285									
80/04/14, 07:18	Start	DOY=105	Peak	End times		SMM Pointing:	N13W90		H.Ang=91deg
Optical						Ha...Class=1F			
GOES	07:05	07:18	07:30			Importance=C3	S28E30	Mac.=CR0	H.Ang=36deg
HXRBS	07:15:50	07:17:15	07:19:00			Peak...c/s=62	Qual=01		
BCS	07:14	07:18	07:20			CaPeak.c/s=26	Qual=1	MaxkeV=53	
FCS		07:17				Peak3...c/s=234		FePeak=07:18	dt= 3.0s XEN=10501
UVSP	07:06					Wavelength=1214A	Code=00	Rast=180"x180"	Cad= 147s 1.024s/pixel
							Exp #=1413	Rast=3"x123"	Pitch=-231", Yaw=-947"
80/04/14, 11:07									
Event # = 286									
80/04/14, 11:07	Start	DOY=105	Peak	End times		SMM Pointing:	N13W90		H.Ang=91deg
Optical									
GOES						Peak...c/s=62	Qual=00	Mac.=CR0	
HXRBS	11:07:10	11:07:30	11:07:46					MaxkeV=53	
80/04/14, 11:12									
Event # = 287									
80/04/14, 11:12	Start	DOY=105	Peak	End times		SMM Pointing:	N13W90		H.Ang=91deg
Optical									
GOES	11:09	11:12	11:16			Ha...Class=SN	S18E24	Mac.=CR0	H.Ang=27deg
HXRBS	11:10:20	11:11:50	11:12:45			Importance=C3	Qual=05		
						Peak...c/s=102	Qual=01	Carr. Lon.=345deg	
							Tot Cts=3059	MaxkeV=98	

Event # = 288	DOY=105	SMM Pointing:	N13W90	AR2372	H.Ang=91deg
80/04/14, 11:55	Peak				
Optical	End times				
G0ES 11:51	11:55	Ha...Class=SN	S05W09	AR2377	Mac.=EK1 Carr. Lon.=17deg H.Ang=9deg
G0ES 11:53	11:58	Importance=C2	Qual=04		
HXRBS 11:53:10	11:54:10	Peak...c/s=170	Qual=02	Tot Cts=1321	MaxkeV=98 Flags=SN
Radio	Frequency(MHz)/Flux(sfu):	606/73 2695/14			
Event # = 289	DOY=105	SMM Pointing:	N13W75		Pitch=-242", Yaw=-901", Roll=0deg H.Ang=77deg
80/04/14, 20:10	Peak				
Optical	End times				
G0ES 20:02	20:10	Ha...Class=1B	S18E24	AR2390	Mac.=CR0 Carr. Lon.=340deg H.Ang=27deg
G0ES 20:04	20:22	Importance=C5	Qual=01		
HXRBS 20:04:10	20:08:30	Peak...c/s=420	Qual=01	Tot Cts=13500	MaxkeV=250
UVSP 19:52		Wavelength=1371A	Code=00	Exp #=1420	Rast=141"x141" Pitch=-243", Yaw=-911"
Radio	Type/Intensity:	V/3			
Radio	Frequency(MHz)/Flux(sfu):	245/50 410/47 606/34 1415/32 2695/14 4995/110 8800/130 15400/70			
Event # = 290	DOY=105	SMM Pointing:	N13W75		Pitch=-242", Yaw=-901", Roll=0deg H.Ang=77deg
80/04/14, 20:37	Peak				
Optical	End times				
G0ES 20:29	20:37	Ha...Class=1N	S31W10	AR2375	Mac.=FK0 Carr. Lon.=14deg H.Ang=27deg
G0ES 20:29	20:48	Importance=C9	Qual=03		
HXRBS 20:25:20	20:28:35	Peak...c/s=115	Qual=01	Tot Cts=2466	MaxkeV=98
UVSP 19:52		Wavelength=1371A	Code=01	Exp #=1420	Rast=141"x141" Pitch=-243", Yaw=-911"
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HXRBS 20:30:45	20:33:40	Peak...c/s=105	Qual=01	Tot Cts=4039	MaxkeV=53
Event # = 292	DOY=105	SMM Pointing:	N13W75		Pitch=-242", Yaw=-901", Roll=0deg H.Ang=77deg
80/04/14, 21:39	Peak				
Optical	End times				
G0ES 21:35	21:39	Ha...Class=1B	S33W03	AR2375	Mac.=FK0 Carr. Lon.=6deg H.Ang=28deg
G0ES 21:35	21:45	Importance=M1	Qual=01		
HXRBS 21:36:00	21:38:20	Peak...c/s=350	Qual=01	Tot Cts=37724	MaxkeV=121
UVSP 21:29		Wavelength=1371A	Code=00	Exp #=1421	Rast=141"x141" Pitch=-243", Yaw=-911"
Radio	Frequency(MHz)/Flux(sfu):	245/110 410/140 1415/50			
Event # = 20134	DOY=105	SMM Pointing:	N13W75		Pitch=-242", Yaw=-901", Roll=0deg H.Ang=77deg
80/04/14, 23:09	Peak				
G0ES	End times				
UVSP 23:04		Wavelength=1371A	Qual=00	Exp #=1422	Rast=141"x141" Step=6" Pitch=-243", Yaw=-911"
C/P 23:09		PA=16deg		Perhaps more interior or prom. material	
Event # = 293	DOY=106	SMM Pointing:	N13W76	AR2372	H.Ang=78deg
80/04/15, 05:51	Peak				
Optical	End times				
G0ES 05:45	05:51	Ha...Class=S8	S17E15	AR2390	Mac.=BX0 Carr. Lon.=343deg H.Ang=19deg
G0ES 05:45	05:58	Importance=M1	Qual=01		
HXRBS 05:47:30	05:48:50	Peak...c/s=780	Qual=01	Tot Cts=21791	MaxkeV=250
UVSP 05:36		Wavelength=1402A	Code=00	Exp #=1430	Rast=60"x60" Pitch=-400", Yaw=-870"
Radio	Type/Intensity:	I1/2 V/2			
Radio	Frequency(MHz)/Flux(sfu):	245/190 410/19 606/130 1415/33 2695/86 4995/56 8800/33 15400/11			

Event # = 294									
80/04/15,08:51	DOY=106		S32W21					Pitch=+426", Yaw=-290", Roll=0deg	H.Ang=33deg
GOES	Start	End times							
GOES	08:50	08:51	08:56	Importance=C1	Qual=01				
HXRBS	08:51:20	08:51:35	08:51:40	Peak...c/s=65	Qual=01			MaxkeV=53	Flags=ND
UVSP	08:41			Wavelength=1548A	Code=00	Exp #=1436		Rast=240"x240" Step=3" Pitch=+375", Yaw=-334"	
Event # = 20133									
80/04/15,10:41	DOY=106		N13W73					Pitch=-243", Yaw=-894", Roll=0deg	H.Ang=75deg
GOES	Start	End times							
C/P	10:41	Extrap St=04/15,09:56	PA=96deg		Qual=00				
					Irregular blob or loop				
Event # = 295									
80/04/15,15:12	DOY=106		N11W82					Pitch=-196", Yaw=-930", Roll=0deg	H.Ang=83deg
Optical	Start	End times							
GOES	15:06	15:12	15:28	Ha...Class=1B	N18E12	AR2389		Mac.=DAO	Carr.Lon.=341deg
HXRBS	15:08:00	15:10:25	15:19:40	Importance=M8	Qual=01				H.Ang=26deg
UVSP	15:29			Peak...c/s=19000	Qual=01	Tot Cts=9.50E+5		MaxkeV=278	Flags=M
Radio	Frequency(MHz)/Flux(sfu):	1415/270	4995/110	8800/84	15400/100	Exp #=1440		Rast=141"x141" Step=6" Pitch=-196", Yaw=-1062"	
Event # = 20136									
80/04/15,23:07	DOY=106		N12W85					Pitch=-198", Yaw=-935", Roll=0deg	H.Ang=86deg
GOES	Start	End times							
UVSP	23:05			Wavelength=1215A	Qual=00	Exp #=1445		Rast=58"x58" Step=3" Pitch=-177", Yaw=-961"	
C/P	23:07	Extrap St=04/15,21:15	PA=47deg						
Event # = 296									
80/04/16,01:04	DOY=107		N12W86					Pitch=-198", Yaw=-936", Roll=0deg	H.Ang=87deg
Optical	Start	End times							
GOES	00:56	01:04	01:15	Ha...Class=1B	N19E09	AR2389		Mac.=CS0	Carr.Lon.=339deg
HXRBS	01:00:40	01:03:30	01:05:10	Importance=M1	Qual=01				H.Ang=26deg
UVSP	00:42			Peak...c/s=108	Qual=01	Tot Cts=8063		MaxkeV=75	Flags=ND
Radio	Frequency(MHz)/Flux(sfu):	8800/37		Wavelength=1215A	Code=00	Exp #=1446		Rast=60"x60" Step=3" Pitch=-176", Yaw=-961"	
Event # = 297									
80/04/16,01:16	DOY=107		N12W86					Pitch=-198", Yaw=-936", Roll=0deg	H.Ang=87deg
GOES	Start	End times							
GOES	01:15	01:16	01:19	Importance=C7	Qual=01				
HXRBS	01:15:20	01:16:10	01:17:50	Peak...c/s=71	Qual=01			MaxkeV=53	Flags=ND
UVSP	00:42			Wavelength=1215A	Code=01	Exp #=1446		Rast=60"x60" Step=3" Pitch=-176", Yaw=-961"	
Event # = 298									
80/04/16,02:56	DOY=107		N11W84					Pitch=-198", Yaw=-934", Roll=0deg	H.Ang=86deg
GOES	Start	End times							
GOES	02:55	02:56	03:01	Importance=C1	Qual=01				
HXRBS	02:55:40	02:56:00	02:56:10	Peak...c/s=91	Qual=01			MaxkeV=53	Flags=ND
UVSP	02:17			Wavelength=1215A	Code=00	Exp #=1447		Rast=60"x60" Step=3" Pitch=-176", Yaw=-961"	

Event # = 299	80/04/16, 04:08	Start	DOY=107	Peak	End times	SMM Pointing:	N11W84	AR2389	Pitch=-198", Yaw=-934", Roll=0deg	H. Ang=86deg
Optical	04:03	04:08	04:08	04:14	04:09:00	Ha...Class=SN	N20E01		Mac.=CS0	H. Ang=25deg
G0ES	04:02:00	04:07:00	04:07:00	04:09:00	04:09:00	Importance=C6	Qual=01	Tot Cts=21633	Flags=ND	
HXRBS	04:02:00	04:07:00	04:07:00	04:09:00	04:09:00	Peak...c/s=280	Qual=01	Exp #=1448	Step=3"	Pitch=-176", Yaw=-961"
UVSP	03:54					Wavelength=1215A	Code=00			
Event # = 300	80/04/16, 05:42	Start	DOY=107	Peak	End times	SMM Pointing:	S11W25		Pitch=+104", Yaw=-397", Roll=0deg	H. Ang=25deg
Optical	05:37	05:42	05:42	05:50	05:44:20	Ha...Class=IN	N13E07	AR2391	Mac.=DS0	H. Ang=20deg
G0ES	05:38:00	05:40:30	05:40:30	05:44:20	05:44:20	Importance=C3	Qual=01	Tot Cts=5358	MaxkeV=75	
HXRBS	05:38:00	05:40:30	05:40:30	05:44:20	05:44:20	Peak...c/s=120	Qual=01	Exp #=1451	Rast=240"x120"	Pitch=+59", Yaw=-382"
UVSP	05:29					Wavelength=2792A	Code=00		Step=3"	
Event # = 301	80/04/17, 01:06	Start	DOY=108	Peak	End times	SMM Pointing:	S09W35	AR2396	Pitch=+84", Yaw=-540", Roll=0deg	H. Ang=35deg
Optical	01:03	01:06	01:06	01:09	01:05:25	Ha...Class=IB	S14E90		Carr. Lon.=245deg	H. Ang=89deg
G0ES	01:04:05	01:05:15	01:05:15	01:05:25	01:05:25	Importance=C2	Qual=01	MaxkeV=53	Step=4"	Pitch=+55", Yaw=-657"
HXRBS	01:04:05	01:05:15	01:05:15	01:05:25	01:05:25	Peak...c/s=77	Qual=01	Rast=59"x59"		
UVSP	00:43					Wavelength=1394A	Code=00	Exp #=1479		
Event # = 4267	80/04/17, 03:01	Start	DOY=108	Peak	End times	SMM Pointing:	S09W35		Pitch=+83", Yaw=-538", Roll=0deg	H. Ang=35deg
G0ES	02:47	03:01	03:01	03:14	02:51:40	Importance=C2	Qual=03	MaxkeV=121	Flags=I	
HXRBS	02:49:15	02:50:30	02:50:30	02:51:40	02:51:40	Peak...c/s=76	Qual=01	Rast=60"x60"	Step=4"	Pitch=+71", Yaw=-601"
UVSP	02:20					Wavelength=1402A	Code=00	Exp #=1481		
Event # = 302	80/04/17, 04:47	Start	DOY=108	Peak	End times	SMM Pointing:	S09W37	AR2389	Pitch=+84", Yaw=-564", Roll=0deg	H. Ang=37deg
Optical	04:36	04:47	04:47	05:03	04:39:55	Ha...Class=IN	N20W08		Mac.=CR0	H. Ang=27deg
G0ES	04:36:50	04:37:50	04:37:50	04:39:55	04:39:55	Importance=C7	Qual=01	MaxkeV=53	Step=4"	Pitch=+107", Yaw=-522"
HXRBS	04:36:50	04:37:50	04:37:50	04:39:55	04:39:55	Peak...c/s=75	Qual=01	Rast=60"x60"		
UVSP	03:55					Wavelength=1402A	Code=00	Exp #=1483		
Event # = 303	80/04/17, 06:22	Start	DOY=108	Peak	End times	SMM Pointing:	S09W36		Pitch=+83", Yaw=-561", Roll=0deg	H. Ang=36deg
G0ES	06:21	06:22	06:22	06:26	06:23:20	Importance=C2	Qual=03	MaxkeV=53	Step=0"	Pitch=+117", Yaw=-516"
HXRBS	06:22:15	06:22:40	06:22:40	06:23:20	06:23:20	Peak...c/s=70	Qual=01	Rast=4"x4"		
UVSP	05:40					Wave length=1401A	Code=00	Exp #=1487		
Event # = 6751	80/04/17, 07:54	Start	DOY=108	Peak	End times	SMM Pointing:	S09W38		Pitch=+83", Yaw=-584", Roll=0deg	H. Ang=38deg
G0ES	07:51	07:54	07:54	07:56	07:53:13	Importance=C2	Qual=01	MaxkeV=53	Step=0"	Pitch=+135", Yaw=-554"
HXRBS	07:50:51	07:52:57	07:52:57	07:53:13	07:53:13	Peak...c/s=66	Qual=01	Rast=4"x4"		
UVSP	07:16					Wavelength=1401A	Code=00	Exp #=1490		
Radio Sweeps		Type/Intensity:				V/2				
Radio Frequency		(MHz)/Flux(sfu):				410/6 606/35 1415/27				

Event # = 304																	
80/04/17,20:06	DOY=108	SMM Pointing:		N18W17	Pitch=-375" ,Yaw=-268" ,Roll=0deg		H.Ang=29deg										
Start	Peak	End times															
G0ES 19:56	20:06	20:26	Importance=C4	Qual=01													
HXRBS 19:58:00	20:05:30	20:07:00	Peak...c/s=91	Qual=01													
UVSP 20:05			Wavelength=1399A	Code=01													
Tot Cts=3560																	
Exp #=1639																	
Step=0" Pitch=-408" ,Yaw=-308"																	
MaxkeV=53																	
Rast=4"x4"																	
Event # = 20140																	
80/04/17,23:05	DOY=108	SMM Pointing:		N18W19	Pitch=-375" ,Yaw=-295" ,Roll=0deg		H.Ang=30deg										
Start	Peak	End times															
G0ES 23:01			Wavelength=1548A	Qual=00													
UVSP 23:05	Extrap	St=04/17,22:40	PA=317deg														
Exp #=1718																	
Rast=240"x240" Step=3" Pitch=-435" ,Yaw=-351"																	
Event # = 305																	
80/04/17,23:24	DOY=108	SMM Pointing:		N18W19	Pitch=-375" ,Yaw=-295" ,Roll=0deg		H.Ang=30deg										
Start	Peak	End times															
Optical			Ha...Class=SF	N20W90	AR2370												
G0ES 23:12	23:24	23:59	Importance=C2	Qual=01													
HXRBS 23:14:10	23:14:20	23:14:50	Peak...c/s=84	Qual=01													
UVSP 23:21			Wavelength=1547A	Code=00													
Exp #=1720																	
Rast=30"x3" Step=0" Pitch=-368" ,Yaw=-358"																	
MaxkeV=53																	
Rast=30"x3"																	
Radio Frequency(MHz)/Flux(sfu): 245/43 606/75																	
80/04/18 DOY=109																	
Event # = 306																	
80/04/18,06:34	DOY=109	SMM Pointing:		N18W23	Pitch=-369" ,Yaw=-349" ,Roll=0deg		H.Ang=32deg										
Start	Peak	End times															
Optical			Ha...Class=SB	N18W24	AR2389												
G0ES 06:22	06:34	06:53	Importance=C7	Qual=03													
HXRBS 06:20:05	06:25:40	06:26:55	Peak...c/s=75	Qual=01													
BCS 06:25	06:25	06:26	CaPeak.c/s=22	Qual= 2													
FCS 06:25	06:25		Peak3...c/s=20														
UVSP 07:00			Wavelength=1216A														
Exp #=1736																	
Rast=240"x240" Step=3" Pitch=-419" ,Yaw=-394"																	
MaxkeV=53																	
FePeak.c/s=7																	
#Peaks=1																	
Step=0"																	
Cad=3840s																	
XEN=10900																	
Rast=0"x0"																	
Step=0"																	
Pitch=-419" ,Yaw=-394"																	
Mac.=AXX																	
Carr. Lon.=342deg																	
H.Ang=33deg																	
Event # = 20068																	
80/04/18,06:58	DOY=109	SMM Pointing:		N18W23	Pitch=-369" ,Yaw=-349" ,Roll=0deg		H.Ang=32deg										
Start	Peak	End times															
Optical			Ha...Class=SN	S14E52	AR2394												
G0ES 06:53	06:58	08:00	Importance=C7	Qual=05													
BCS 07:00	07:00	07:16	CaPeak.c/s=46	Qual= 5													
FCS 07:01	07:01		Peak3...c/s=276														
UVSP 07:00			Wavelength=1216A	Code=02													
Exp #=1736																	
Rast=240"x240" Step=3" Pitch=-419" ,Yaw=-394"																	
FePeak.c/s=10																	
#Peaks=1																	
Step=15"																	
Cad= 262s																	
XEN=10901																	
Rast=240"x240"																	
Step=3"																	
Pitch=-419" ,Yaw=-394"																	
Mac.=HSX																	
Carr. Lon.=266deg																	
H.Ang=52deg																	
Event # = 307																	
80/04/18,20:05	DOY=109	SMM Pointing:		N20W32	Pitch=-396" ,Yaw=-478" ,Roll=0deg		H.Ang=40deg										
Start	Peak	End times															
Optical			Ha...Class=SB	N15E90	AR2399												
G0ES 20:03	20:05	20:21	Importance=C9	Qual=01													
HXRBS 20:01:00	20:03:05	20:05:30	Peak...c/s=220	Qual=01													
UVSP 19:56			Wavelength=1291A	Code=00													
Exp #=1752																	
Tot Cts=32202																	
Rast=4"x4" Step=0" Pitch=-366" ,Yaw=-498"																	
MaxkeV=98																	
Mac.=AXX																	
Carr. Lon.=221deg																	
H.Ang=91deg																	

80/04/19 DOY=110									
Event # = 308									
80/04/19,01:19	DOY=110								
Start	Peak								
GOES 01:18	01:19	01:21	SMM Pointing:	N20W34					Pitch=-388",Yaw=-504",Roll=0deg H.Ang=42deg
End times									
GOES 01:18	02:52	02:55	Importance=C2	Qual=01					
HXRBS 01:19:45	01:19:48	01:20:03	Peak...c/s=1000	Qual=01	Tot Cts=3030				MaxkeV=469 Flags=NS
UVSP 00:55			Wavelength=1549A	Code=00	Exp #=1768				Rast=120"x120" Pitch=-380",Yaw=-502"
Event # = 309									
80/04/19,02:52	DOY=110								
Start	Peak								
GOES 02:49	02:52	02:55	SMM Pointing:	N20W35					Pitch=-389",Yaw=-523",Roll=0deg H.Ang=43deg
End times									
GOES 02:49	02:52	02:55	Importance=C4	Qual=01					
HXRBS 02:40:00	02:40:40	02:41:30	Peak...c/s=140	Qual=01	Tot Cts=2435				MaxkeV=53
UVSP 02:32			Wavelength=1548A	Code=00	Exp #=1772				Rast=120"x120" Pitch=-380",Yaw=-581"
Radio Sweeps	Type/Intensity:		V/2						
Event # = 20665									
80/04/19,05:32	DOY=110								
Start	Peak								
GOES 05:29			SMM Pointing:	N20W37					Pitch=-389",Yaw=-545",Roll=0deg H.Ang=44deg
End times									
GOES 05:29			Wavelength=1547A	Qual=00	Exp #=1778				Rast=240"x240" Pitch=-440",Yaw=-594"
UVSP 05:32	Extrap	St=04/19,21:30	PA=222deg						
C/P									
Event # = 310									
80/04/20,01:08	DOY=111								
Start	Peak								
GOES 01:07	01:08	01:09	SMM Pointing:	S11E59					Pitch=+142",Yaw=+807",Roll=0deg H.Ang=59deg
End times									
GOES 01:07	01:08	01:09	Importance=C1	Qual=01					
HXRBS 01:08:10	01:08:40	01:09:25	Peak...c/s=75	Qual=01					MaxkeV=53
UVSP 01:07			Wavelength=1215A	Code=00	Exp #=1804				Rast=240"x240" Pitch=+98",Yaw=+759"
Event # = 311									
80/04/20,02:52	DOY=111								
Start	Peak								
Optical			SMM Pointing:	S11E59					Pitch=+142",Yaw=+807",Roll=0deg H.Ang=59deg
GOES 02:47	02:52	03:00	Ha...Class=SN	S10E58	AR2396				Mac.=EKI Carr.Lon.=236deg H.Ang=58deg
HXRBS 02:48:15	02:48:25	02:50:40	Importance=C2	Qual=01					
BCS 02:49	02:51	02:55	Peak...c/s=105	Qual=01					MaxkeV=75
FCS	02:52		CaPeak.c/s=38	Qual=1	Tot Cts=1960				FePeak.c/s=17 #Peaks=1 dt= 3.0s XEN=11100
HXIS	02:53		Peak3...c/s=259		FePeak=02:51				Rast=240"x240" Step=15" Cad= 262s 1.024s/pixel
UVSP 02:13			Peak...c/s=60		Exp #=1806				Rast=240"x240" Step=3" Pitch=+97",Yaw=+759"
Wavelength=1215A									
Event # = 312									
80/04/20,15:08	DOY=111								
Start	Peak								
Optical			SMM Pointing:	S05W00					Pitch=+0",Yaw=+0",Roll=0deg H.Ang=0deg
GOES 15:07	15:08	15:10	Ha...Class=SN	N16W24	AR2391				Mac.=DAO Carr.Lon.=311deg H.Ang=32deg
HXRBS 15:08:15	15:08:20	15:08:30	Importance=C1	Qual=01					MaxkeV=75
			Peak...c/s=90	Qual=01					
Event # = 313									
80/04/20,15:54	DOY=111								
Start	Peak								
GOES 15:53	15:54	15:57	SMM Pointing:	S05W00					Pitch=+0",Yaw=+0",Roll=0deg H.Ang=0deg
End times									
GOES 15:53	15:54	15:57	Importance=C1	Qual=03					
HXRBS 15:53:55	15:54:05	15:54:45	Peak...c/s=135	Qual=01	Tot Cts=710				MaxkeV=75

Event # = 20666									
80/04/20,16:41	DOY=111								
Start	Peak								
GOES		SMM Pointing:	N15W54					Pitch=-295", Yaw=-744", Roll=0deg	H. Ang=57deg
C/P	16:41	Extrap St=04/20,14:50	PA=316deg	Qual=00					
Event # = 314									
80/04/20,19:57	DOY=111								
Start	Peak								
Optical		SMM Pointing:	N15W55					Pitch=-293", Yaw=-760", Roll=0deg	H. Ang=58deg
GOES	19:54	Ha...Class=SF	N14E63	AR2404				Mac.=BX0	Carr. Lon.=222deg
HXRBS	19:56:05	Importance=C2	Qual=01					MaxkeV=53	H. Ang=65deg
UVSP	19:56:09	Peak...c/s=97	Qual=01						Pitch=-341", Yaw=-832"
Event # = 315									
80/04/20,20:20	DOY=111								
Start	Peak								
Optical		SMM Pointing:	N15W55					Pitch=-293", Yaw=-760", Roll=0deg	H. Ang=58deg
GOES	20:18	Ha...Class=SB	S30E35	AR2397				Mac.=BX0	Carr. Lon.=249deg
HXRBS	20:19:40	Importance=C1	Qual=01					MaxkeV=53	H. Ang=41deg
UVSP	20:20:00	Peak...c/s=90	Qual=01						Pitch=-418", Yaw=-892"
Event # = 316									
80/04/20,21:43	DOY=111								
Start	Peak								
Optical		SMM Pointing:	N15W56					Pitch=-292", Yaw=-763", Roll=0deg	H. Ang=59deg
GOES	21:31	Ha...Class=LN	S32W86	AR2375				Mac.=DS0	Carr. Lon.=10deg
HXRBS	21:33:00	Importance=C3	Qual=01					MaxkeV=53	H. Ang=84deg
UVSP	21:42:00	Peak...c/s=60	Qual=01						Pitch=-259", Yaw=-926"
Associated Event # = 317									
HXRBS	21:52:20	Peak...c/s=60	Qual=01					MaxkeV=53	Pitch=-281", Yaw=-892"
UVSP	21:53:20								
80/04/21 DOY=112									
Event # = 318									
80/04/21,03:08	DOY=112								
Start	Peak								
GOES		SMM Pointing:	N13E81					Pitch=-228", Yaw=+920", Roll=0deg	H. Ang=82deg
HXRBS	03:08:04	Peak...c/s=670	Qual=00					MaxkeV=469	Flags=NS
UVSP	02:21	Wavelength=1172A	Qual=01	Tot Cts=5622				Rast=34"x4"	Step=0"
				Exp #=1836					Pitch=-354", Yaw=+795"
Event # = 319									
80/04/21,04:10	DOY=112								
Start	Peak								
Optical		SMM Pointing:	N13E81					Pitch=-228", Yaw=+920", Roll=0deg	H. Ang=82deg
GOES	03:55	Ha...Class=SN	S11E37	AR2396				Mac.=EKI	Carr. Lon.=243deg
HXRBS	04:05:50	Importance=C3	Qual=01					MaxkeV=53	H. Ang=37deg
UVSP	04:02	Peak...c/s=70	Qual=01					Rast=180"x180"	Step=3"
		Wavelength=1305A	Code=01	Exp #=1840					Pitch=-286", Yaw=+865"
Event # = 20143									
80/04/21,05:22	DOY=112								
Start	Peak								
GOES	05:18	SMM Pointing:	N13E81					Pitch=-228", Yaw=+920", Roll=0deg	H. Ang=82deg
BGS	05:24	Importance=C1	Qual=05					FePeak.c/s=9	#Peaks=1
FCS	05:24	CaPeak.c/s=20	Qual=1	FePeak=05:24				Rast=0"x0"	Cad=.26s
UVSP	05:25	Peak3..c/s=62							0.256s/pixel
									Pitch=+125", Yaw=+556"

Event # = 321	DOY=112	SMM Pointing:	S14E41	Pitch=+175" ,Yaw=+613" ,Roll=0deg	H.Ang=42deg
80/04/21,05:42 Start	Peak	End times			
Optical			AR2389	Carr.Lon.=339deg	H.Ang=62deg
Optical			AR2404	Carr.Lon.=217deg	H.Ang=64deg
Optical			AR2391	Carr.Lon.=335deg	H.Ang=60deg
G0ES 05:36	05:42	05:58	Qual=01		
HXRBS 05:41:45	05:42:07	05:42:35	Tot Cts=5145	MaxkeV=122	Pitch=+125" ,Yaw=+556"
UVSP			Qual=01	Flags=FS	
Associated Event # = 320					
HXRBS 05:39:27	05:39:43	05:40:17	Tot Cts=2327	MaxkeV=122	Pitch=+125" ,Yaw=+556"
UVSP			Qual=01		
Associated Event # = 322					
HXRBS 05:42:56	05:43:02	05:44:16	Tot Cts=4702	MaxkeV=122	Pitch=+125" ,Yaw=+556"
UVSP			Qual=01		
Event # = 323					
80/04/21,06:01 Start	DOY=112 Peak	End times	S14E41	Pitch=+175" ,Yaw=+613" ,Roll=0deg	H.Ang=42deg
Optical			AR2398	Mac.=DA0	H.Ang=47deg
G0ES 05:58	06:01	06:12	Qual=01	MaxkeV=53	Pitch=+125" ,Yaw=+556"
HXRBS 05:52:40	05:53:40	05:54:30	Qual=01		
UVSP					
Event # = 20144					
80/04/21,06:19 Start	DOY=112 Peak	End times	S14E41	Pitch=+175" ,Yaw=+613" ,Roll=0deg	H.Ang=42deg
Optical			AR2395	Mac.=ES0	H.Ang=23deg
G0ES 06:15	06:19	06:28	Qual=03	FePeak.c/s=13	XEN=11201
BCS 06:14	06:18	06:25	Qual=1	Rast=0"x0"	0.256s/pixel
FCS	06:17		FePeak=06:18	dt= 6.0s	
HXIS	06:20			Cad=.26s	
UVSP				Pitch=+125" ,Yaw=+556"	
Event # = 20145					
80/04/21,12:41 Start	DOY=112 Peak	End times	S14E38	Pitch=+173" ,Yaw=+566" ,Roll=0deg	H.Ang=38deg
G0ES 12:34	12:41	12:47	Qual=01	FePeak.c/s=13	XEN=11203
BCS 12:35	12:38	12:49	Qual=1	Rast=0"x0"	0.256s/pixel
FCS	12:37		FePeak=12:38	dt= 3.0s	
HXIS	12:40			Cad=.26s	
Event # = 324					
80/04/21,18:31 Start	DOY=112 Peak	End times	N13W66	Pitch=-246" ,Yaw=-854" ,Roll=0deg	H.Ang=68deg
G0ES 18:26	18:31	18:41	Qual=01	MaxkeV=53	Pitch=-259" ,Yaw=-865"
HXRBS 18:27:15	18:27:58	18:28:05	Tot Cts=860	Rast=120"x120"	
UVSP 18:30			Exp #=1867	Step=3"	

Event # = 20146									
80/04/21,21:23	DOY=112	Start	Peak	SMM Pointing:		M13W67	Pitch=-246", Yaw=-858", Roll=0deg		
Optical		End times		Ha...Class=SN		S10E36	Mac.=EKI Carr.Lon.=235deg		
G0ES	21:22	21:30	21:30	Importance=C2		Qual=01	H.Ang=36deg		
BCS	21:26	21:31	21:31	CaPeak.c/s=26		Qual= 5	XEN=11204		
FCS	21:28			Peak3..c/s=173			Cad=.26s		
UVSP	21:23			Wave length=1542A		Code=02	Rast=0"x0" Step=0" Pitch=-340", Yaw=-853"		
Event # = 325									
80/04/21,23:12	DOY=112	Start	Peak	SMM Pointing:		S12E31	Pitch=+133", Yaw=+487", Roll=0deg		
Optical		End times		Ha...Class=SB		S32W90	H.Ang=32deg		
G0ES	23:05	23:12	23:28	Importance=C2		Qual=01	Carr.Lon.=360deg		
HXRBS	23:06:00	23:06:50	23:08:30	Peak...c/s=90		Qual=01	H.Ang=87deg		
UVSP	23:04			Wave length=1547A		Code=00	MaxkeV=53		
Event # = 20147									
80/04/21,23:35	DOY=112	Start	Peak	SMM Pointing:		S12E31	Pitch=+133", Yaw=+487", Roll=0deg		
Optical		End times		Importance=C1		Qual=01	H.Ang=32deg		
G0ES	23:32	23:35	23:41	CaPeak.c/s=26		Qual= 1	XEN=11206		
BCS	23:35	23:35	23:40	Peak3..c/s=221			Cad=.26s		
FCS	23:36			Wave length=1547A		Code=00	Rast=120"x120" Step=3" Pitch=+148", Yaw=+473"		
UVSP	23:18								
Event # = 20735									
80/04/21,23:46	DOY=112	Start	Peak	SMM Pointing:		S12E31	Pitch=+133", Yaw=+487", Roll=0deg		
Optical		End times		Importance=C2		Qual=01	H.Ang=32deg		
G0ES	23:41	23:46	23:50	CaPeak.c/s=26		Qual= 1	XEN=11208		
BCS	23:43	23:45	23:47	Peak3..c/s=246			dt= 6.0s		
FCS	23:44			Wave length=1547A		Code=00	Cad=.26s		
UVSP	23:18			Wave length=1547A		Code=00	Rast=120"x120" Step=3" Pitch=+148", Yaw=+473"		
Event # = 326									
80/04/22,01:01	DOY=113	Start	Peak	SMM Pointing:		S12E30	Pitch=+129", Yaw=+469", Roll=0deg		
Optical		End times		Importance=C1		Qual=01	H.Ang=31deg		
G0ES	01:00	01:01	01:06	Peak...c/s=80		Qual=01	MaxkeV=53		
HXRBS	01:00:50	01:01:20	01:01:40	Wave length=1547A		Code=00	Rast=120"x120" Step=3" Pitch=+148", Yaw=+467"		
UVSP	00:55								
Event # = 327									
80/04/22,01:22	DOY=113	Start	Peak	SMM Pointing:		S12E30	Pitch=+129", Yaw=+469", Roll=0deg		
Optical		End times		Ha...Class=SF		S12E28	H.Ang=31deg		
G0ES	01:15	01:22	01:31	Importance=C3		Qual=01	Mac.=EKI Carr.Lon.=240deg		
HXRBS	01:17:10	01:18:30	01:19:10	Peak...c/s=112		Qual=01	H.Ang=29deg		
BCS	01:17	01:21	01:31	CaPeak.c/s=82		Qual= 1	XEN=11300		
FCS	01:29			Peak3..c/s=341			Cad=.26s		
HXIS	01:18			Peak...c/s=176			Rast=0"x0" Step=0" Pitch=+148", Yaw=+467"		
UVSP	01:26			Wave length=1547A		Code=00	Exp #=1884		

Event # = 328	DOY=113	SMM Pointing:	S12E28	Pitch=+126", Yaw=+444", Roll=0deg	H. Ang=29deg
80/04/22, 05:22	Peak	End times			
Optical					
GOES 05:16	05:22	Ha...Class=SN	S12E28	Mac.=EKI Carr. Lon.=238deg	H. Ang=29deg
GOES 05:21:30	05:21:41	Importance=C8	Qual=05		
GOES 05:21	05:22	Peak...c/s=92	Qual=02	MaxkeV=53	Flags=SN
GOES 05:24	05:24	CaPeak.c/s=316	Qual=5	FePeak.c/s=94	#Peaks=1
GOES 05:22	05:22	Peak3...c/s=1404		Rast=0"x0"	Step=0"
GOES 05:22	05:22	Peak...c/s=652			Cad=.26s
GOES 05:22	05:22	Wavelength=1397A	Code=02	Rast=4"x4"	Pitch=+135", Yaw=+453"
GOES 05:31:28	05:31:50	Associated	Event # = 329		
GOES 05:31:28	05:31:50	Peak...c/s=60	Qual=01	MaxkeV=53	
Event # = 330	DOY=113	SMM Pointing:	S12E27	Pitch=+126", Yaw=+420", Roll=0deg	H. Ang=27deg
80/04/22, 07:19	Peak	End times			
GOES 07:09	07:19	Importance=C1	Qual=01		
GOES 07:14:20	07:19:10	Peak...c/s=60	Qual=01	MaxkeV=122	Flags=AX
GOES 07:00	07:00	Wavelength=2792A	Code=00	Rast=240"x240"	Step=3"
Event # = 20069	DOY=113	SMM Pointing:	S12E27	Pitch=+126", Yaw=+420", Roll=0deg	H. Ang=27deg
80/04/22, 07:35	Peak	End times			
GOES 07:35	07:35	CaPeak.c/s=21	Qual=00	FePeak.c/s=13	#Peaks=1
GOES 07:28	07:28	Wavelength=2798A	Qual=1	Rast=3"x3"	Step=0"
Event # = 20148	DOY=113	SMM Pointing:	S12E27	Pitch=+126", Yaw=+420", Roll=0deg	H. Ang=27deg
80/04/22, 07:59	Peak	End times			
GOES 07:50	07:59	Importance=C2	Qual=02	FePeak.c/s=8	#Peaks=1
GOES 07:48	07:58	CaPeak.c/s=33	Qual=2	Rast=0"x0"	dt= 6.0s
GOES 07:52	07:59	Peak3...c/s=124	Code=00	Rast=3"x3"	Cad=.26s
Event # = 20746	DOY=113	SMM Pointing:	S12E27	Pitch=+126", Yaw=+420", Roll=0deg	H. Ang=27deg
80/04/22, 08:35	Peak	End times			
GOES 08:34	08:35	CaPeak.c/s=22	Qual=00	FePeak.c/s=8	#Peaks=1
GOES 09:03	09:03	Wavelength=2792A	Qual=6	Rast=240"x240"	Step=3"
Event # = 20149	DOY=113	SMM Pointing:	S12E24	Pitch=+128", Yaw=+387", Roll=0deg	H. Ang=25deg
80/04/22, 11:58	Peak	End times			
GOES 11:17	11:58	Importance=C3	Qual=04	FePeak.c/s=12	#Peaks=1
GOES 11:45	11:47	CaPeak.c/s=89	Qual=8	Rast=0"x0"	dt= 3.0s
GOES 11:46	11:46	Peak3...c/s=189			Cad=.26s
GOES 11:44	11:44	Peak...c/s=144			

80/04/24 DOY=115									
Event # = 331	80/04/24, 05:58	DOY=115	Peak	SMM Pointing:		S13E02	Pitch=+137", Yaw=+36", Roll=0deg		
Optical	Start	End times							
G0ES	05:48	05:58		Ha...Class=SN		S13E04	Mac.=EKI Carr.Lon.=236deg		
HXRBS	05:50:30	05:57:40	05:58:00	Importance=C2		Qual=01	H.Ang=9deg		
BCS	05:50	05:53	06:00	Peak...c/s=270		Qual=01			
FCS	05:50	05:53	06:00	CaPeak.c/s=63		Qual=1	#Peaks=2 dt= 3.0s XEN=11500		
HXIS	05:53	05:56		Peak3...c/s=259			Rast=0"x0" Cad=.26s		
UVSP	05:56			Peak...c/s=104			Step=3" Pitch=+146", Yaw=-65"		
Radio	05:45			Wavelength=1547A		Code=00	Rast=6"x6"		
	Frequency(MHz)/Flux(sfu):	245/11	410/900	606/19	1415/12	2695/23	4995/33 8800/26		
Event # = 4262									
80/04/24, 09:33	DOY=115	Peak	SMM Pointing:		S13W00	Pitch=+136", Yaw=-2", Roll=0deg			
Optical	Start	End times							
G0ES	09:28	09:33	09:35	Ha...Class=SB		S15W03	Mac.=EKI Carr.Lon.=241deg		
HXRBS	09:30:10	09:30:55	09:33:37	Importance=C1		Qual=02	H.Ang=11deg		
UVSP	09:19	09:33:37		Peak...c/s=112		Qual=01	MaxkeV=122		
Radio	09:19			Wavelength=1347A		Code=00	Rast=3"x43"		
	Frequency(MHz)/Flux(sfu):	245/930	410/850	606/12	1415/15	2695/17	4995/19		
Event # = 20668									
80/04/24, 10:58	DOY=115	Peak	SMM Pointing:		S13W00	Pitch=+134", Yaw=-4", Roll=0deg			
G0ES	Start	End times							
C/P	10:58	Extrap St=04/24, 10:13	PA=166deg	Qual=00		H.Ang=8deg			
Event # = 20667									
80/04/24, 11:55	DOY=115	Peak	SMM Pointing:		S13W02	Pitch=+137", Yaw=-37", Roll=0deg			
G0ES	Start	End times							
C/P	11:55	Extrap St=04/24, 23:00	PA=255deg	Qual=00		H.Ang=9deg			
			Loop is very faint						
Event # = 332									
80/04/24, 18:18	DOY=115	Peak	SMM Pointing:		S13W04	Pitch=+138", Yaw=-71", Roll=0deg			
Optical	Start	End times							
G0ES	17:54	18:18	18:36	Ha...Class=SN		S13E04	Mac.=EKI Carr.Lon.=229deg		
HXRBS	18:07:50	18:09:30	18:10:05	Importance=C4		Qual=01	H.Ang=9deg		
BCS	18:08	18:15	19:01	Peak...c/s=77		Qual=01			
FCS	18:08	18:16		CaPeak.c/s=135		Qual=1	#Peaks=1 dt= 3.0s XEN=11501		
HXIS	18:16			Peak3...c/s=286			FePeak.c/s=30 Step=0" Cad=.26s		
UVSP	18:10			Wavelength=1393A		Code=00	Rast=180"x180" Step=3" Pitch=+127", Yaw=-82"		
	18:11			Exp #=1997					
80/04/25 DOY=116									
Event # = 333	80/04/25, 11:08	DOY=116	Peak	SMM Pointing:		S13W12	Pitch=+134", Yaw=-199", Roll=0deg		
Optical	Start	End times							
G0ES	11:00	11:08	11:13	Ha...Class=SN		S13E04	Mac.=EKI Carr.Lon.=229deg		
HXRBS	11:02:00	11:04:05	11:05:05	Importance=C3		Qual=03	H.Ang=15deg		
				Peak...c/s=80		Qual=01	MaxkeV=53		

Event # = 334 80/04/25, 19:10 Optical GOES 19:08 HXRBS 19:10:00 UVSP 19:45	DOY=116 Peak	SMM Pointing: Ha...Class=SF Importance=C1 Peak...c/s=65 Wavelength=1209A	S13W19 S16E78 Qual=03 Qual=01	AR2411 Exp #=2036	Pitch=+139", Yaw=-299", Roll=0deg Mac.=BX0 MaxkeV=53 Rast=3"x3"	H.Ang=20deg H.Ang=77deg Pitch=+40", Yaw=-310"
Event # = 335 80/04/25, 20:44 Optical GOES 20:37 HXRBS 20:40:40 UVSP 20:21	DOY=116 Peak	SMM Pointing: Ha...Class=SN Importance=C3 Peak...c/s=88 Wavelength=1191A	S13W20 S17E80 Qual=03 Qual=01	AR2411 Exp #=2040	Pitch=+143", Yaw=-316", Roll=0deg Mac.=BX0 MaxkeV=53 Rast=3"x3"	H.Ang=21deg H.Ang=79deg Pitch=+40", Yaw=-315"
Event # = 336 80/04/26, 01:03 GOES 00:56 HXRBS 00:57:40 UVSP 00:41	DOY=117 Peak	SMM Pointing: Importance=C6 Peak...c/s=83 Wavelength=1295A	S13W23 Qual=01 Qual=01 Code=00	Tot Cts=5243 Exp #=2054	Pitch=+146", Yaw=-357", Roll=0deg MaxkeV=53 Rast=60"x60"	H.Ang=24deg Pitch=+41", Yaw=-352"
Event # = 337 80/04/26, 01:09 GOES 01:05 HXRBS 01:06:30 UVSP 00:41	DOY=117 Peak	SMM Pointing: Importance=C8 Peak...c/s=98 Wavelength=1295A	S13W23 Qual=01 Qual=01 Code=00	Tot Cts=3154 Exp #=2054	Pitch=+146", Yaw=-357", Roll=0deg MaxkeV=53 Rast=60"x60"	H.Ang=24deg Pitch=+41", Yaw=-352"
Event # = 338 80/04/26, 01:20 GOES 01:16 HXRBS 01:10:00 UVSP 00:41	DOY=117 Peak	SMM Pointing: Importance=C5 Peak...c/s=65 Wavelength=1295A	S13W23 Qual=01 Qual=03 Code=00	Tot Cts=1720 Exp #=2054	Pitch=+146", Yaw=-357", Roll=0deg MaxkeV=53 Rast=60"x60"	H.Ang=24deg Pitch=+41", Yaw=-352"
Event # = 339 80/04/26, 03:33 Optical GOES 03:26 HXRBS 03:45:00 UVSP 03:46	DOY=117 Peak	SMM Pointing: Ha...Class=SB Importance=M2 Peak...c/s=63 Wavelength=1237A	S13W23 S18E68 Qual=05 Qual=01	AR2411 Exp #=2060	Pitch=+147", Yaw=-369", Roll=0deg Mac.=EAI MaxkeV=53 Rast=120"x120"	H.Ang=25deg H.Ang=68deg Pitch=+164", Yaw=-362"
Event # = 340 80/04/26, 03:49 Optical GOES 03:45 HXRBS 03:48:00 UVSP 03:47	DOY=117 Peak	SMM Pointing: Ha...Class=SB Importance=C8 Peak...c/s=68 Wavelength=1235A	S13W24 S18E68 Qual=01 Qual=01 Code=00	AR2411 Exp #=2061	Pitch=+145", Yaw=-378", Roll=0deg Mac.=EAI MaxkeV=53 Rast=3"x3"	H.Ang=25deg H.Ang=68deg Pitch=+174", Yaw=-348"

Event # = 341									
80/04/26,06:08	DOY=117	Start	Peak	End times	SMM Pointing:	S13W25	Pitch=+145", Yaw=-390", Roll=0deg		
Optical					Ha...Class=SN				H.Ang=26deg
GOES 06:03	06:08			06:13	Importance=C7	Qual=01	Mac.=EAI	Carr. Lon.=145deg	H.Ang=68deg
HXRBS 06:02:10	06:03:25	06:10:00			Peak...c/s=305	Qual=01	MaxkeV=122		
UVSP 05:41					Wavelength=1215A	Code=00	Rast=120"x120"	Step=1" Pitch=+164", Yaw=-379"	
Event # = 342									
80/04/26,07:22	DOY=117	Start	Peak	End times	SMM Pointing:	S13W26	Pitch=+146", Yaw=-403", Roll=0deg		
Optical					Ha...Class=SB				H.Ang=27deg
GOES 07:20	07:22			07:27	Importance=C5	Qual=01	Mac.=EAI	Carr. Lon.=143deg	H.Ang=69deg
HXRBS 07:20:12	07:20:50	07:22:27			Peak...c/s=125	Qual=02	MaxkeV=53	Flags=SA	
Event # = 343									
80/04/26,09:43	DOY=117	Start	Peak	End times	SMM Pointing:	S13W27	Pitch=+147", Yaw=-422", Roll=0deg		
Optical					Ha...Class=SB				H.Ang=28deg
GOES 09:31	09:43			09:53	Importance=C8	Qual=02	Mac.=EAI	Carr. Lon.=152deg	H.Ang=59deg
HXRBS 09:32:30	09:34:05	09:34:30			Peak...c/s=86	Qual=01	MaxkeV=53		
Event # = 344									
80/04/26,11:48	DOY=117	Start	Peak	End times	SMM Pointing:	S13W28	Pitch=+148", Yaw=-444", Roll=0deg		
Optical					Ha...Class=SN				H.Ang=29deg
GOES 11:42	11:48			11:57	Importance=C4	Qual=02	Mac.=DKO	Carr. Lon.=239deg	H.Ang=37deg
HXRBS 11:43:30	11:44:45	11:46:50			Peak...c/s=135	Qual=03	MaxkeV=53	Flags=ES	
BCS 11:44	11:46	11:46			CaPeak.c/s=26				
Event # = 345									
80/04/26,12:29	DOY=117	Start	Peak	End times	SMM Pointing:	S13W28	Pitch=+148", Yaw=-444", Roll=0deg		
GOES 12:27	12:29			12:37	Importance=C2	Qual=01			H.Ang=29deg
HXRBS 12:29:00	12:29:06	12:29:25			Peak...c/s=305	Qual=01	MaxkeV=122	Flags=M	
Event # = 346									
80/04/26,12:49	DOY=117	Start	Peak	End times	SMM Pointing:	S13W28	Pitch=+148", Yaw=-444", Roll=0deg		
Optical					Ha...Class=SN				H.Ang=29deg
GOES 12:43	12:49			12:56	Importance=C5	Qual=02	Mac.=EAI	Carr. Lon.=148deg	H.Ang=61deg
HXRBS 12:44:35	12:45:55	12:46:15			Peak...c/s=78	Qual=03	MaxkeV=53	Flags=EN	
Event # = 347									
80/04/26,20:32	DOY=117	Start	Peak	End times	SMM Pointing:		Pitch=-211", Yaw=+981", Roll=0deg		
Optical					Ha...Class=1B				H.Ang=61deg
GOES 20:28	20:32			20:36	Importance=M5	Qual=01	Mac.=EAI	Carr. Lon.=144deg	
HXRBS 20:30:43	20:31:40	20:39:58			Peak...c/s=4200	Qual=01	Tot Cts=2.09E+5	MaxkeV=312	
GRS 20:31:17					Max.E..MeV= 0.7		Nuclear.Line=N	>10MeV=N	
UVSP 20:21					Wavelength=1216A	Code=00	Rast=60"x240"	Step=3" Pitch=-170", Yaw=+917"	Dur=65sec
Radio	Frequency (MHz)/Flux(sfu): 245/22 410/44 606/170 1415/41 2695/120 4995/150 8800/190 15400/140								

Event # = 348									
80/04/26, 21:40	DOY=117	SMM Pointing:				S19W00	Pitch=+240", Yaw=+1", Roll=0deg		H.Ang=15deg
GOES 21:36	21:40	Start	End times	Importance=C2	Qual=01				
HXRBS 21:36:29	21:37:33	Peak	21:44	Peak...c/s=165	Qual=01				
UVSP 21:38	21:39:04	Wave length=1542A	Code=00	Tot Cts=4420		Step=0"		Pitch=+43", Yaw=-132"	
Event # = 349									
80/04/26, 21:47	DOY=117	SMM Pointing:				S17E56	Pitch=+240", Yaw=+761", Roll=0deg		H.Ang=57deg
GOES 21:45	21:47	Start	End times	Importance=C1	Qual=01				
HXRBS 21:46:37	21:47:30	Peak	21:53	Peak...c/s=83	Qual=01				
BCS 21:40	21:48	CaPeak.c/s=16	21:54	Wave length=1547A	Code=00	Step=3"		Pitch=+259", Yaw=+634"	
UVSP 21:43	21:48	Wave length=1547A	Code=00	Exp #=2091					
Event # = 350									
80/04/26, 23:20	DOY=117	SMM Pointing:				S17E55	Pitch=+240", Yaw=+751", Roll=0deg		H.Ang=56deg
Optical 23:17	23:20	Start	End times	Ha...Class=SF	S30W34	Carr. Lon.=238deg		H.Ang=41deg	
GOES 23:17	23:20	Importance=C1	23:33	Qual=01	AR2407				
HXRBS 23:33:52	23:34:00	Peak...c/s=88	23:34:22	Qual=01	MaxkeV=146		Pitch=+258", Yaw=+765"		
UVSP 23:20	23:20	Wave length=1547A	Code=02	Exp #=2095					
80/04/27 DOY=118									
Event # = 351									
80/04/27, 01:10	DOY=118	SMM Pointing:				S17E54	Pitch=+240", Yaw=+742", Roll=0deg		H.Ang=55deg
Optical 01:07	01:10	Start	End times	Ha...Class=SN	S17E59	Carr. Lon.=144deg		H.Ang=59deg	
GOES 01:06:10	01:06:28	Importance=C1	01:14	Qual=01	AR2411				
HXRBS 01:06:10	01:06:28	Peak...c/s=59	01:06:40	Qual=01	MaxkeV=99		XEN=11800		
BCS 01:09	01:10	CaPeak.c/s=44	01:13	Qual=1	FePeak=01:10		Step=0"		Cad=.26s
FCS 01:11	01:11	Peak3...c/s=124	01:13	FePeak=01:10		Step=0"		0.256s/pixel	
HXIS 00:55	01:13	Peak...c/s=52	01:13	Code=00		Step=3"		Pitch=+257", Yaw=+757"	
UVSP 00:55	01:13	Wave length=1546A	Code=00	Exp #=2099					
Radio Frequency (MHz)/Flux(sfu):	606/10	Associated Event # = 352							
HXRBS 01:09:15	01:09:50	01:10:13	01:10:13	Peak...c/s=58	Qual=01				
Event # = 353									
80/04/27, 02:31	DOY=118	SMM Pointing:				S17E54	Pitch=+236", Yaw=+740", Roll=0deg		H.Ang=54deg
Optical 02:24	02:31	Start	End times	Code=EPL	N11E90	Carr. Lon.=112deg		H.Ang=91deg	
GOES 02:24	02:31	Importance=C6	02:34	Qual=01	AR2416				
HXRBS 02:28:00	02:29:15	Peak...c/s=235	02:33:40	Qual=01	MaxkeV=171		Pitch=+266", Yaw=+775"		
UVSP 02:25	02:25	Wave length=1542A	Code=00	Tot Cts=14830		Step=0"			
C/P 02:12	Extrap St=04/27, 02:21	PA=103deg	Bright mound or blob						
Radio Sweeps Type/Intensity:	11/2 111/2								
Radio Frequency (MHz)/Flux(sfu):	245/330	410/110	606/150	1415/42					

Event # = 354	80/04/27,02:59	Start	DOY=118	Peak	End times	SMM Pointing:	S17E54	S12W41	AR2396	Pitch=+236", Yaw=+740", Roll=0deg	H. Ang=54deg		
Optical	02:49	03:08	02:59	02:52:05	03:01:00	Ha...Class=SN Importance=C4	Qual=01	Qual=01	Tot Cts=27400	Mac.=FKI	H. Ang=41deg		
GOES	02:50:50	02:52:05	02:52:05	02:52:05	03:01:00	Peak...c/s=390	Qual=01	Qual=01	MaxkeV=146	Carr. Lon.=243deg			
HXRBS	02:52:32	02:52:32	02:52:32	02:52:32	02:52:32	Wave length=1546A	Code=00	Code=00	Exp #=2103				
UVSP	02:52:32	02:52:32	02:52:32	02:52:32	02:52:32	Type/Intensity:				Pitch=+256", Yaw=+749"			
Radio	02:52:32	02:52:32	02:52:32	02:52:32	02:52:32	Frequency(MHz)/Flux(sfu):	410/83	606/310	1415/16	2695/12	4995/19	8800/79	15400/39
80/04/28 DOY=119													
Event # = 355	80/04/28,01:33	Start	DOY=119	Peak	End times	SMM Pointing:	S04W00	S13W45	AR2411	Pitch=+1", Yaw=+1", Roll=0deg	H. Ang=0deg		
Optical	01:20	02:16	01:33	01:33:12	01:33:37	Ha...Class=SF Importance=C1	Qual=02	Qual=03		Mac.=EAI	H. Ang=45deg		
GOES	01:32:57	01:33:12	01:33:12	01:33:12	01:33:37	Peak...c/s=80				MaxkeV=122	Flags=EN		
HXRBS	01:32:57	01:33:12	01:33:12	01:33:12	01:33:37								
Radio	01:32:57	01:33:12	01:33:12	01:33:12	01:33:37	Frequency(MHz)/Flux(sfu):	410/18	606/320					
80/04/28 DOY=119													
Event # = 356	80/04/28,02:30	Start	DOY=119	Peak	End times	SMM Pointing:	S05E01	Qual=01	AR2407	Pitch=+3", Yaw=+9", Roll=0deg	H. Ang=1deg		
Optical	02:25	02:38	02:30	02:38:00	02:38:20	Importance=C1	Qual=01	Qual=01		Mac.=EHI			
GOES	02:37:50	02:38:00	02:38:00	02:38:00	02:38:20	Peak...c/s=54				MaxkeV=53			
HXRBS	02:37:50	02:38:00	02:38:00	02:38:00	02:38:20								
Radio	02:37:50	02:38:00	02:38:00	02:38:00	02:38:20	Frequency(MHz)/Flux(sfu):	410/18	606/320					
80/04/28 DOY=119													
Event # = 357	80/04/28,03:45	Start	DOY=119	Peak	End times	SMM Pointing:	S04W00	S30W50	AR2407	Pitch=+0", Yaw=+0", Roll=0deg	H. Ang=0deg		
Optical	03:42	03:51	03:45	03:44:55	03:45:00	Ha...Class=SN Importance=C2	Qual=01	Qual=01	Tot Cts=530	Mac.=EHI	H. Ang=54deg		
GOES	03:44:50	03:44:55	03:44:55	03:44:55	03:45:00	Peak...c/s=160	Qual=01	Qual=01		MaxkeV=99			
HXRBS	03:44:50	03:44:55	03:44:55	03:44:55	03:45:00								
Radio	03:44:50	03:44:55	03:44:55	03:44:55	03:45:00	Frequency(MHz)/Flux(sfu):	410/18	606/320					
80/04/28 DOY=119													
Event # = 358	80/04/28,05:47	Start	DOY=119	Peak	End times	SMM Pointing:	S05W00	Qual=01		Pitch=+3", Yaw=+2", Roll=0deg	H. Ang=0deg		
Optical	05:44	05:52	05:47	05:47:00	05:47:40	Importance=C1	Qual=01	Qual=01		MaxkeV=76			
GOES	05:46:20	05:47:00	05:47:00	05:47:00	05:47:40	Peak...c/s=60							
HXRBS	05:46:20	05:47:00	05:47:00	05:47:00	05:47:40								
Radio	05:46:20	05:47:00	05:47:00	05:47:00	05:47:40	Frequency(MHz)/Flux(sfu):	410/18	606/320					
80/04/28 DOY=119													
Event # = 359	80/04/28,07:26	Start	DOY=119	Peak	End times	SMM Pointing:	S04W00	Qual=01		Pitch=+1", Yaw=-4", Roll=0deg	H. Ang=0deg		
Optical	07:24	07:27	07:26	07:25:10	07:25:20	Importance=C1	Qual=01	Qual=01	Tot Cts=452	MaxkeV=76			
GOES	07:25:00	07:25:10	07:25:10	07:25:10	07:25:20	Peak...c/s=104							
HXRBS	07:25:00	07:25:10	07:25:10	07:25:10	07:25:20								
Radio	07:25:00	07:25:10	07:25:10	07:25:10	07:25:20	Frequency(MHz)/Flux(sfu):	410/18	606/320					
80/04/28 DOY=119													
Event # = 360	80/04/28,09:02	Start	DOY=119	Peak	End times	SMM Pointing:	S04W01	Qual=01		Pitch=+6", Yaw=-7", Roll=-45deg	H. Ang=1deg		
Optical	09:01	09:04	09:02	09:02:24	09:05:30	Importance=C2	Qual=01	Qual=01	Tot Cts=18830	MaxkeV=197			
GOES	09:02:30	09:02:24	09:02:24	09:02:24	09:05:30	Peak...c/s=700	Qual=01	Qual=01	Tot Cts=2695/18	4995/17	8800/34	15400/39	
HXRBS	09:02:30	09:02:24	09:02:24	09:02:24	09:05:30								
Radio	09:02:30	09:02:24	09:02:24	09:02:24	09:05:30	Frequency(MHz)/Flux(sfu):	410/18	606/320					

Event # = 363	DOY=119	SMM Pointing:	S04W01	Pitch=+6", Yaw=-7", Roll=-45deg	H.Ang=1deg
80/04/28, 09:30 Start	Peak	End times			
GOES 09:10	09:30	10:01	Qual=03		
HXRBS 09:28:50	09:28:58	09:29:15	Qual=01	MaxkeV=53	
Radio	Frequency (MHz)/Flux (sfu):	245/200 410/91	Associated Event # = 361		
HXRBS 09:16:30	09:17:15	09:18:00	Qual=01	MaxkeV=53	
HXRBS 09:26:45	09:27:10	09:27:40	Qual=01	MaxkeV=53	
Event # = 364	DOY=119	SMM Pointing:	S04W00	Pitch=+1", Yaw=+1", Roll=-2deg	H.Ang=0deg
80/04/28, 10:38 Start	Peak	End times			
GOES 10:37	10:38	10:41	Qual=04		
HXRBS 10:38:20	10:38:30	10:38:40	Qual=01	MaxkeV=99	
			Tot Cts=836		
Event # = 365	DOY=119	SMM Pointing:	S04W00	Pitch=+1", Yaw=+1", Roll=-2deg	H.Ang=0deg
80/04/28, 10:42 Start	Peak	End times			
GOES 10:41	10:42	10:45	Qual=01		
HXRBS 10:41:10	10:41:30	10:42:30	Qual=01	MaxkeV=99	
			Tot Cts=1142		
Event # = 366	DOY=119	SMM Pointing:	S04W00	Pitch=+2", Yaw=+2", Roll=0deg	H.Ang=0deg
80/04/28, 12:40 Start	Peak	End times			
Optical				Mac.=EHI	H.Ang=58deg
GOES 12:28	12:40	12:50	Qual=03		
HXRBS 12:35:10	12:38:50	12:43:10	Qual=03	MaxkeV=171	
Radio	Frequency (MHz)/Flux (sfu):	245/850 410/230	Tot Cts=87217	Flags=EN	
			1415/110 2695/48		
HXRBS 12:27:05	12:27:50	12:31:43	Associated Event # = 4277		
			Qual=01	MaxkeV=53	
			Tot Cts=1235	Flags=I	
Event # = 367	DOY=119	SMM Pointing:	S17W60	Pitch=+243", Yaw=-790", Roll=0deg	H.Ang=60deg
80/04/28, 15:36 Start	Peak	End times			
Optical				Mac.=FKI	H.Ang=65deg
GOES 15:32	15:36	15:52	Qual=04		
HXRBS 15:46:10	15:46:40	15:47:10	Qual=01	MaxkeV=53	
BGS 15:35	15:35	15:39	Qual=5	FePeak.c/s=16	XEN=11900
FCS 15:31	15:35			Rast=240"x240"	Cad=1180s
UVSP 15:31				Rast=240"x240"	Pitch=+195", Yaw=-856"
Radio	Frequency (MHz)/Flux (sfu):	410/73 2695/3 4995/8 8800/16	Exp #=2113		
Event # = 368	DOY=119	SMM Pointing:	S16E37	Pitch=+209", Yaw=+546", Roll=0deg	H.Ang=38deg
80/04/28, 17:10 Start	Peak	End times			
Optical				Mac.=FKI	H.Ang=65deg
GOES 17:04	17:10	17:23	Qual=02		
HXRBS 17:12:15	17:12:35	17:14:15	Qual=02	MaxkeV=53	
UVSP 17:08				Rast=240"x240"	Flags=SA, AX
Radio	Frequency (MHz)/Flux (sfu):	245/970 410/280 606/320 1415/17 2695/20	Exp #=2115		Pitch=+157", Yaw=+496"

Event # = 378	DOY=119	SMM Pointing:	N12E72	Pitch=-214", Yaw=+889", Roll=0deg	H. Ang=73deg
80/04/28, 21:43	Start	End times			
GOES 21:42	Peak	21:44	Importance=C3		
HXRBS 21:43:20	21:43:40	21:44:20	Peak...c/s=82	Step=3"	Pitch=-273", Yaw=+900"
UVSP 21:26			Wavelength=1547A	Exp #=2126	
Event # = 379	DOY=119	SMM Pointing:	N12E72	Pitch=-216", Yaw=+888", Roll=0deg	H. Ang=73deg
80/04/28, 23:06	Start	End times			
Optical	Peak		Ha...Class=SN		
GOES 23:00	23:06	23:12	Importance=C5		
HXRBS 23:02:20	23:02:40	23:05:20	Peak...c/s=122	Carr. Lon.=244deg	H. Ang=67deg
UVSP 23:01	23:02:20		Wavelength=1547A	Step=3"	Pitch=-273", Yaw=+900"
Event # = 380	DOY=119	SMM Pointing:	N12E72	Pitch=-216", Yaw=+888", Roll=0deg	H. Ang=73deg
80/04/28, 23:37	Start	End times			
GOES 23:30	Peak	23:51	Importance=C4		
HXRBS 23:32:30	23:33:50	23:34:50	Peak...c/s=92	Step=3"	Pitch=-273", Yaw=+900"
UVSP 23:01	23:32:30		Wavelength=1547A	Exp #=2128	
Event # = 381	DOY=119	SMM Pointing:	N12E72	Pitch=-216", Yaw=+888", Roll=0deg	H. Ang=73deg
80/04/28, 23:55	Start	End times			
GOES 23:52	Peak	23:59	Importance=C2		
HXRBS 23:53:40	23:54:07	23:54:40	Peak...c/s=110	Step=0"	Pitch=-273", Yaw=+772"
UVSP 00:31	23:53:40		Wavelength=1542A	Exp #=2129	
Event # = 382	DOY=120	SMM Pointing:	N12E74	Pitch=-215", Yaw=+898", Roll=0deg	H. Ang=75deg
80/04/29, 00:31	Start	End times			
GOES 00:28	Peak	00:36	Importance=C2		
HXRBS 00:34:50	00:34:58	00:35:10	Peak...c/s=94	Step=0"	Pitch=-273", Yaw=+772"
UVSP 00:31	00:34:50		Wavelength=1542A	Exp #=2129	
Event # = 383	DOY=120	SMM Pointing:	N12E72	Pitch=-215", Yaw=+891", Roll=0deg	H. Ang=74deg
80/04/29, 03:48	Start	End times			
GOES 03:45	Peak	03:52	Importance=C2		
HXRBS 03:48:15	03:48:20	03:48:30	Peak...c/s=85	Step=0"	Pitch=-273", Yaw=+772"
UVSP 03:43	03:48:15		Wavelength=1542A	Exp #=2133	
Event # = 384	DOY=120	SMM Pointing:	N12E72	Pitch=-215", Yaw=+891", Roll=0deg	H. Ang=74deg
80/04/29, 03:56	Start	End times			
GOES 03:53	Peak	03:58	Importance=C4		
HXRBS 03:55:10	03:55:50	03:57:10	Peak...c/s=264	Carr. Lon.=130deg	H. Ang=46deg
UVSP 03:50	03:55:10		Wavelength=1547A	Step=3"	Pitch=-273", Yaw=+900"
Radio Frequency (MHz)/Flux(sfu):			410/18		

Event # = 386									
80/04/29, 04:08		DOY=120	End times		SMM Pointing:	N12E72	Pitch=-215", Yaw=+891", Roll=0deg		H. Ang=74deg
Start		Peak							
GOES	04:05	04:08	04:10		Importance=C6	Qual=01			
HXRBS	04:06:40	04:07:55	04:09:10		Peak...c/s=663	Qual=01			
UVSP	03:50				Wavelength=1547A	Code=00	Tot Cts=12647		Flags=FS
							Exp #=2134		Step=3" Pitch=-273", Yaw=+900"
Event # = 387									
80/04/29, 04:28		DOY=120	End times		SMM Pointing:	N12E72	Pitch=-215", Yaw=+891", Roll=0deg		H. Ang=74deg
Start		Peak							
GOES	04:17	04:28	04:38		Importance=C3	Qual=01			
HXRBS	04:26:40	04:27:45	04:29:00		Peak...c/s=90	Qual=01			
UVSP	03:50				Wavelength=1547A	Code=00	Exp #=2134		Step=3" Pitch=-273", Yaw=+900"
Event # = 388									
80/04/29, 07:42		DOY=120	End times		SMM Pointing:	S16E30	Pitch=+203", Yaw=+456", Roll=0deg		H. Ang=32deg
Start		Peak							
GOES	07:39	07:42	07:50		Importance=C2	Qual=01			
HXRBS	07:42:10	07:42:27	07:43:50		Peak...c/s=82	Qual=01			
UVSP	07:37				Wavelength=1547A	Code=00	Exp #=2143		Step=3" Pitch=+154", Yaw=+408"
Event # = 389									
80/04/29, 10:51		DOY=120	End times		SMM Pointing:	S16E27	Pitch=+203", Yaw=+416", Roll=0deg		H. Ang=29deg
Start		Peak							
GOES	10:47	10:51	10:57		Importance=C8	Qual=01			
HXRBS	10:47:00	10:49:40	10:50:00		Peak...c/s=94	Qual=01			
UVSP	10:44				Wavelength=1547A	Code=00	Exp #=2157		Step=3" Pitch=+152", Yaw=+367"
Event # = 390									
80/04/29, 11:05		DOY=120	End times		SMM Pointing:	S16E27	Pitch=+203", Yaw=+416", Roll=0deg		H. Ang=29deg
Start		Peak							
GOES	11:04	11:05	11:10		Importance=C7	Qual=01			
HXRBS	11:05:10	11:05:30	11:05:30		Peak...c/s=92	Qual=01			
UVSP	11:04				Wavelength=1547A	Code=01	Exp #=2161		Step=3" Pitch=+152", Yaw=+365"
Event # = 391									
80/04/29, 12:58		DOY=120	End times		SMM Pointing:	S16E26	Pitch=+201", Yaw=+407", Roll=0deg		H. Ang=28deg
Start		Peak							
Optical									
GOES	12:55	12:58	13:09		Ha...Class=SB	S17W68	Mac.=EKO		Carr.Lon.=238deg
HXRBS	12:38:30	12:39:30	12:40:40		Importance=M2	Qual=05	MaxkeV=53		H. Ang=68deg
UVSP	12:39				Peak...c/s=144	Qual=01	Rast=240"x240"		Step=3" Pitch=+151", Yaw=+352"
C/P	15:38	Extrap St=04/29, 11:30			Wavelength=1547A				
Radio		Frequency(MHz)/Flux(sfu):	1415/150 2695/260 4995/150 8800/130		PA=256deg				
Event # = 20669									
80/04/29, 13:20		DOY=120	End times		SMM Pointing:	S16E26	Pitch=+202", Yaw=+404", Roll=0deg		H. Ang=28deg
Start		Peak							
Optical									
GOES	12:39				Code=ASR	S23E90	Carr.Lon.=79deg		H. Ang=88deg
UVSP	13:20	Extrap St=04/29, 12:48			Wavelength=1547A	Qual=00	Rast=240"x240"		Step=3" Pitch=+151", Yaw=+352"
C/P					PA=119deg				

Event # = 392	DOY=120	SMM Pointing:	S16E26	Pitch=+202", Yaw=+404", Roll=0deg	H. Ang=28deg
80/04/29, 13:22	Peak	End times			
GOES	13:22:25	13:22:35	13:22:40	MaxkeV=53 Rast=240"x240" Step=3"	Flags=DG Pitch=+151", Yaw=+352"
HXRBS	12:39			Tot Cts=652 Exp # = 2169	
UVSP				WaveLength=1547A	
Event # = 393	DOY=120	SMM Pointing:	S16E26	Pitch=+199", Yaw=+399", Roll=0deg	H. Ang=28deg
80/04/29, 14:03	Peak	End times			
Optical	14:00	14:03	14:08	Ha...Class=SN Importance=C4	Carr. Lon.=81deg
GOES	14:02:42	14:03:02	14:03:12	Qual=02 Qual=01	
HXRBS	14:02:42	14:03:02	14:03:12	MaxkeV=122	
Radio	Frequency(MHz)/Flux(sfu):	606/48	1415/93	2695/78	4995/43
8800/20					
Event # = 394	DOY=120	SMM Pointing:	S16E24	Pitch=+204", Yaw=+369", Roll=0deg	H. Ang=26deg
80/04/29, 17:21	Peak	End times			
GOES	17:17	17:21	17:25	Importance=C4	
HXRBS	17:18:50	17:20:15	17:21:40	Peak...c/s=100 WaveLength=1216A	
UVSP	18:07			Tot Cts=349 Exp # = 2171	Pitch=+148", Yaw=+309"
Event # = 395	DOY=120	SMM Pointing:	S16E24	Pitch=+199", Yaw=+366", Roll=0deg	H. Ang=26deg
80/04/29, 18:16	Peak	End times			
Optical	18:13	18:16	18:20	Ha...Class=SF Importance=C5	Mac.=EH0
GOES	18:14:35	18:15:10	18:16:40	Qual=01 Qual=01	Carr. Lon.=230deg
HXRBS	18:14:35	18:15:10	18:16:40	MaxkeV=99 Rast=240"x240" Step=3"	
UVSP	18:07			Tot Cts=4150 Exp # = 2171	Pitch=+148", Yaw=+309"
Event # = 396	DOY=120	SMM Pointing:	S16E22	Pitch=+197", Yaw=+342", Roll=0deg	H. Ang=24deg
80/04/29, 20:21	Peak	End times			
Optical	20:15	20:21	20:34	Ha...Class=SF Importance=C9	Mac.=EH0
GOES	20:16:10	20:18:10	20:23:10	Qual=01 Qual=01	Carr. Lon.=236deg
HXRBS	20:16:10	20:18:10	20:23:10	Peak...c/s=275 WaveLength=1236A	
UVSP	19:49			Code=00	Step=3"
Radio	Frequency(MHz)/Flux(sfu):	1415/20	2695/26	4995/36	8800/46
Event # = 20156	DOY=120	SMM Pointing:	S16E22	Pitch=+198", Yaw=+340", Roll=0deg	H. Ang=24deg
80/04/29, 21:36	Peak	End times			
GOES	21:28	21:36	21:57	Importance=C3	
BCS	21:35	21:38	21:44	CaPeak.c/s=22	FePeak.c/s=9
FCS	21:33			Peak3...c/s=77	#Peaks=1
UVSP				WaveLength=1401A	dt= 6.0s
				Code=00	XEN=12000
					Rast=180"x180" Cad= 147s
					Step=15" Pitch=+170", Yaw=+342"
					Step=4"
Event # = 397	DOY=120	SMM Pointing:	S16E22	Pitch=+198", Yaw=+340", Roll=0deg	H. Ang=24deg
80/04/29, 22:00	Peak	End times			
GOES	21:57	22:00	22:05	Importance=C3	
HXRBS	21:58:20	21:58:50	21:59:05	Peak...c/s=69	MaxkeV=53
UVSP	21:33			WaveLength=1401A	Rast=12"x12" Step=4"
				Code=00	Pitch=+170", Yaw=+342"

Event # = 20073									
80/04/30,07:19	DOY=121		SMM Pointing:	S13W87		Pitch=+208", Yaw=-929", Roll=0deg		H.Ang=86deg	
GOES 07:16	Start	End times							
GOES 07:19	Peak	07:29	Importance=C3	Qual=01					
BCS 07:17	07:17	07:19	CaPeak.c/s=23	Qual=1	FePeak=07:17				XEN=12116
FCS 07:17	07:17		Peak3...c/s=60						Cad=9.22s 1.024s/pixel
UVSP 07:16			Wavelength=1235A	Code=00	Exp #=2197				Pitch=+224", Yaw=-922"
Event # = 406									
80/04/30,07:29	DOY=121		SMM Pointing:	S13W87		Pitch=+208", Yaw=-929", Roll=0deg		H.Ang=86deg	
GOES 07:26	Start	End times							
GOES 07:29	Peak	07:35	Peak....c/s=90	Qual=00					
HXRBS 07:26	07:29:00	07:29:10	Wavelength=1237A	Qual=01	Exp #=2199				
UVSP 07:26						MaxkeV=76			Pitch=+224", Yaw=-922"
						Rast=21"x21"			
Event # = 407									
80/04/30,07:32	DOY=121		SMM Pointing:	S13W87		Pitch=+208", Yaw=-929", Roll=0deg		H.Ang=86deg	
GOES 07:32	Start	End times							
GOES 07:38	Peak	07:38	Importance=C3	Qual=01					
HXRBS 07:31:15	07:31:42	07:32:00	Peak....c/s=82	Qual=01					
UVSP 07:26			Wavelength=1237A	Code=00	Exp #=2199				
						MaxkeV=53			Pitch=+224", Yaw=-922"
						Rast=21"x21"			
Event # = 408									
80/04/30,07:44	DOY=121		SMM Pointing:	S13W87		Pitch=+208", Yaw=-929", Roll=0deg		H.Ang=86deg	
GOES 07:39	Start	End times							
GOES 07:44	Peak	07:54	Importance=C3	Qual=01					
HXRBS 07:41:10	07:42:30	07:43:05	Peak....c/s=79	Qual=01					
BCS 07:41	07:44	07:48	CaPeak.c/s=41	Qual=1	FePeak=07:43				XEN=12118
FCS 07:42	07:44		Peak3...c/s=48						Cad=9.22s 1.024s/pixel
UVSP 07:26			Wavelength=1237A	Code=00	Exp #=2199				Pitch=+224", Yaw=-922"
Event # = 409									
80/04/30,09:04	DOY=121		SMM Pointing:	S13W85		Pitch=+207", Yaw=-927", Roll=0deg		H.Ang=85deg	
GOES 08:57	Start	End times							
GOES 09:04	Peak	09:16	Importance=C4	Qual=01					
HXRBS 09:02:20	09:03:00	09:03:30	Peak....c/s=75	Qual=01					
UVSP 08:57			Wavelength=1236A	Code=00	Exp #=2202				
						MaxkeV=53			Pitch=+239", Yaw=-925"
						Rast=21"x21"			
Event # = 410									
80/04/30,11:30	DOY=121		SMM Pointing:	S23E88		Pitch=+373", Yaw=+876", Roll=0deg		H.Ang=86deg	
Optical 11:01	Start	End times							
GOES 11:01	11:30	11:46	Ha...Class=SF	S07W43	AR2419				
GOES 11:02:10	11:03:05	11:05:15	Importance=M2	Qual=05		Mac.=BX0			Carr. Lon.=200deg
BCS 11:01	11:02	11:05	Peak....c/s=195	Qual=03					
FCS 11:02	11:02		CaPeak.c/s=23	Qual=3	Tot Cts=12200				Flags=EN
UVSP 10:51	11:02		Peak3...c/s=10		FePeak=11:02				#Peaks=1
Radio Frequency(MHz)/Flux(sfu):	245/80	606/28	Wavelength=1547A		Exp #=2206				XEN=12129
						Rast=240"x240"			Cad=1180s 2.048s/pixel
						Rast=120"x120"			Pitch=+331", Yaw=+874"
Event # = 411									
80/04/30,11:47	DOY=121		SMM Pointing:	S24E88		Pitch=+379", Yaw=+874", Roll=0deg		H.Ang=87deg	
Optical 11:46	Start	End times							
GOES 11:47	11:47	11:51	Ha...Class=SN	S12W86	AR2396				
GOES 11:41:40	11:42:00	11:42:10	Importance=M1	Qual=05		Mac.=AXX			Carr. Lon.=243deg
HXRBS 11:41:40	11:42:00	11:42:10	Peak....c/s=100	Qual=11	Tot Cts=1477				H.Ang=85deg
UVSP 10:51			Wavelength=1547A		Exp #=2206				Flags=D6
						MaxkeV=53			Step=3"
						Rast=120"x120"			Pitch=+331", Yaw=+874"

Event # = 20671				S24E88		Pitch=+379" , Yaw=+874" , Roll=0deg		H. Ang=87deg	
80/04/30,11:52		DOY=121		SMM Pointing:					
Start		Peak							
G0ES				Qual=00					
C/P		11:52 Extrap St=04/30,11:13 PA=78deg		Irregular blob or tongue					
Event # = 412						Pitch=+373" , Yaw=+879" , Roll=0deg			
80/04/30,14:08		DOY=121		SMM Pointing:					
Start		Peak							
G0ES		14:05 14:08		Importance=C5		Qual=01			
HXRBS		14:07:35 14:07:45		Peak...c/s=340		Qual=01		MaxkeV=122 Flags=FS	
Event # = 413						Pitch=+214" , Yaw=-932" , Roll=0deg			
80/04/30,15:28		DOY=121		SMM Pointing:					
Start		Peak							
Optical				Ha...Class=SN		N13E44		Mac.=CH0 Carr. Lon.=111deg	
G0ES		15:25 15:28		Importance=C3		Qual=05			
HXRBS		15:31:35 15:32:50		Peak...c/s=185		Qual=01		MaxkeV=122	
C/P		19:45 Extrap St=04/30,18:20 PA=40deg		V/3		Tot Cts=1760			
Radio Sweeps		Type/Intensity:							
Radio		Frequency(MHz)/Flux(sfu):		245/240 410/160 606/77					
Event # = 414						Pitch=+214" , Yaw=-932" , Roll=0deg			
80/04/30,15:48		DOY=121		SMM Pointing:					
Start		Peak							
G0ES		15:44 15:48		Importance=C6		Qual=02			
HXRBS		15:45:55 15:48:45		Peak...c/s=150		Qual=03		MaxkeV=53 Flags=EN	
Radio		Frequency(MHz)/Flux(sfu):		245/560 410/20 2695/10 4995/10 8800/17					
Event # = 20161						Pitch=+214" , Yaw=-932" , Roll=0deg			
80/04/30,17:10		DOY=121		SMM Pointing:					
Start		Peak							
G0ES		17:08 17:10		Importance=C3		Qual=01			
BCS		17:09 17:11		CaPeak.c/s=25		Qual=1		FePeak.c/s=12 #Peaks=1	
FCS		17:10		Peak3...c/s=45				Rast=30"x30" Cad=9.22s 1.024s/pixel	
UVSP		18:05		WaveLength=1542A				Rast=3"x3" Step=0" Pitch=+173" , Yaw=-940"	
Event # = 415						Pitch=+214" , Yaw=-932" , Roll=0deg			
80/04/30,17:20		DOY=121		SMM Pointing:					
Start		Peak							
G0ES		17:18 17:20		Importance=C4		Qual=01			
HXRBS		17:19:50 17:20:15		Peak...c/s=150		Qual=01		MaxkeV=99	
UVSP		18:05		WaveLength=1542A				Rast=3"x3" Step=0" Pitch=+173" , Yaw=-940"	
Event # = 416						Pitch=+217" , Yaw=-933" , Roll=0deg			
80/04/30,20:26		DOY=121		SMM Pointing:					
Start		Peak							
Optical				Ha...Class=SN		S13W90		Mac.=AXX Carr. Lon.=242deg	
G0ES		20:18 20:26		Importance=M2		Qual=01		MaxkeV=146	
HXRBS		20:21:10 20:22:50		Peak...c/s=680		Qual=01		FePeak.c/s=294 #Peaks=1	
BCS		20:20 20:25		CaPeak.c/s=808		Qual=1		Rast=30"x30" dt= 3.0s XEN=12100	
FCS		20:27		Peak3...c/s=3341				Cad=9.22s 1.024s/pixel	
HXIS		20:26		Peak...c/s=1776				Rast=120"x120" Step=3" Pitch=+224" , Yaw=-930"	
UVSP		20:03		WaveLength=1546A		Code=00		Exp #=2214	
Radio		Frequency(MHz)/Flux(sfu):		245/54 410/20 1415/41 2695/17 4995/18					

Event # = 20733		80/04/30,21:18		DOY=121		SMM Pointing:		End times		Pitch=+215",Yaw=-936",Roll=0deg			
GOES	21:16	21:18	21:20	Qual=00	FePeak=21:18	Qual=5	CaPeak.c/s=24	Peak3..c/s=21	WaveLength=1542A	Exp #=2215	FePeak.c/s=14	#Peaks=1	XEN=12130
BCS		21:19									Rast=180"x180"	Step=15"	Cad= 147s 1.024s/pixel
FCS											Rast=3"x3"	Step=0"	Pitch=+224",Yaw=-930"
UVSP	21:15												
Event # = 20074		80/04/30,21:25		DOY=121		SMM Pointing:		End times		Pitch=+215",Yaw=-936",Roll=0deg			
GOES	21:25	21:25	21:25	Qual=00	FePeak=21:25	Qual=1	CaPeak.c/s=19	Peak3..c/s=80	WaveLength=1546A	Exp #=2216	FePeak.c/s=11	#Peaks=1	XEN=12128
BCS		21:25									Rast=240"x240"	Step=3"	Pitch=+175",Yaw=-990"
UVSP	21:21												
Event # = 417		80/05/01,00:55		DOY=122		SMM Pointing:		End times		Pitch=+307",Yaw=+850",Roll=0deg		H.Ang=71deg	
GOES	00:46	00:55	01:02	Qual=01	Importance=C3	Qual=01	Importance=C3	Peak...c/s=80	WaveLength=1236A	Exp #=2225	MaxkeV=53		
HXRBS	00:47:20	00:48:00	00:49:10	Qual=01							Rast=90"x90"	Step=3"	Pitch=+341",Yaw=+819"
UVSP	00:47												
Event # = 418		80/05/01,07:17		DOY=122		SMM Pointing:		End times		Pitch=+305",Yaw=+838",Roll=0deg		H.Ang=69deg	
GOES	07:08	07:17	07:40	Qual=01	Importance=C3	Qual=01	Importance=C3	Peak...c/s=80	WaveLength=1546A	Exp #=2239	MaxkeV=53		
HXRBS	07:17:00	07:17:05	07:17:08	Qual=01							FePeak=07:19	#Peaks=1	XEN=12200
BCS	07:15	07:19	07:29	Qual=1	CaPeak.c/s=28	Qual=1	CaPeak.c/s=28	Peak3..c/s=181			Rast=120"x180"	Step=15"	Cad=98.3s 1.024s/pixel
FCS	07:21	07:21	07:29		Peak...c/s=70						Rast=240"x240"	Step=3"	Pitch=+257",Yaw=+784"
HXIS													
UVSP	07:10	07:21											
Event # = 20162		80/05/01,09:13		DOY=122		SMM Pointing:		End times		Pitch=+308",Yaw=+849",Roll=0deg		H.Ang=71deg	
GOES	09:08	09:13	09:25	Qual=01	Importance=C2	Qual=01	Importance=C2	CaPeak.c/s=13	WaveLength=1546A	Exp #=2249	Rast=240"x240"	Step=3"	Pitch=+257",Yaw=+784"
BCS	09:11	09:13	09:17										
UVSP	09:03												
Event # = 20163		80/05/01,12:15		DOY=122		SMM Pointing:		End times		Pitch=+306",Yaw=+848",Roll=0deg		H.Ang=71deg	
Optical											Mac.=FAI	Carr.Lon.=145deg	H.Ang=15deg
GOES	12:14	12:15	12:58	Qual=03	Ha...Class=SF	S19W01	Importance=C3	Qual=03		AR2411			
BCS	12:10	12:36	12:40		CaPeak.c/s=8		CaPeak.c/s=8				Rast=240"x240"	Step=3"	Pitch=+257",Yaw=+784"
UVSP	12:07				WaveLength=1546A	Code=00	Exp #=2263						
Event # = 20164		80/05/01,14:08		DOY=122		SMM Pointing:		End times		Pitch=+305",Yaw=+846",Roll=0deg		H.Ang=71deg	
GOES	14:04	14:08	14:16	Qual=03	Importance=C2	Qual=03	Importance=C2	CaPeak.c/s=15					
BCS	14:06	14:08	14:09										

Event # = 419	DOY=122	Start	Peak	End times	SMM Pointing:	S14W88	Pitch=+232", Yaw=-924", Roll=0deg	H.Ang=87deg
Optical	16:19	16:33	16:39		Ha...Class=SN	S19E59	AR2418	
G0ES	16:27:00	16:28:30	16:45:20		Importance=M4	Qual=04	Mac.=EK0	H.Ang=59deg
HXRBS	16:39	16:46	16:46		Peak...c/s=1480	Qual=04	Carr.Lon.=82deg	
BCS	16:28	16:39	16:46		CaPeak.c/s=15		Flags=SN,ES	
UVSP	16:28	16:39	16:46		Wavelength=1542A	Code=00	Step=0"	Pitch=+182", Yaw=-995"
C/P	17:03				PA=109deg	Exp #=2268	Rast=3"x3"	
Radio	Frequency (MHz)/Flux(sfu):	1415/89	2695/240	8800/920	Irregular blob, "hook"			

Event # = 420	SMM Pointing:		Pitch=+231", Yaw=-932", Roll=0deg		
80/05/01, 18:42	Start	End times	Mac.=CR0	Carr.Lon.=200deg	H.Ang=61deg
Optical					
GOES 18:38	18:42	18:46			
GOES 18:39:40	18:41:10	18:41:55			
HXRBS 18:39	18:41	18:46			
BCS 18:39	18:41	18:46			
FCS 18:41	18:41	18:46			
HXIS 18:42	18:42	18:46			
UVSP 18:26	18:42	18:46			
Radio Sweeps	18:26	18:46			

Event # = 6631	SMM Pointing:		End times		Pitch=+231", Yaw=-932", Roll=0deg	
80/05/01, 19:16	Start	Peak	DOY=122			
Optical					AR2418	Mac.=EKO Carr. Lon.=81deg H. Ang=59deg
GOES	19:07	19:16	19:42		S19E59	
HXRBS	19:48:00	20:02:55	20:17:38		Qual=05	
UVSP	19:40				Qual=01	
Radio						
	Frequency(MHz) :	245/7300	410/18000	606/14000	4995/1100	8800/2000 15400/2300
	Flux(sfu) :					
					Total Cts=61564	Maxkv=122
					Exp #=2276	Flags=ND
					WaveLength=1542A	Rast=3"x3" Step=0" Pitch=+251", Yaw=-929"

Event # = 421					
80/05/01,21:10		D0Y=122	Pitch=+233", Yaw=-932", Roll=0deg		
Start		Peak			
SMM Pointing:					
End times					
Optical		AR2407			
G0ES	20:55	S35W90			
HXRBS	21:17:50	Qual=04			
BGS	21:15	Importance=M2			
FCS	21:19	Peak...c/s=120			
IUVSP	21:15	CaPeak.c/s=84			
		Qual= 5			
		Wave length=1542A			
		Code=02			
		Exp # = 2280			
		Tot Cts=15000			
		FePeak=21:15			
		MaxkeV=146			
		Mac.=HSX	Carr.Lon.=229deg	H.Ang=88deg	
		Pitch=+233"	Yaw=-932"	Roll=0deg	
		XEN=12204			
		#Peaks=1			
		Rast=120"x180"	Cad=98.3s	1.024s/pixel	
		Rast=3"x3"	Step=15"	Pitch=+251", Yaw=-929"	
			Step=0"		

Event # = 422		80/05/02		DOY=123	
80/05/02, 00:34	Start	DOY=123	Peak	End times	SMM Pointing:
Optical					
GOES	00:22	00:34		00:50	Ha...Class=SF
HXRBS	00:30:50	00:33:45		00:35:15	Importance=C5
UVSP	00:30				Peak...c/s=115
					Wavelength=1395A
					S19E52
					N20E62
					Qual=01
					Qual=01
					Tot Cts=4100
					Exp #=2286
					Pitch=+272", Yaw=+715", Roll=0deg
					H. Ang=53deg
					Mac.=DAO
					Carr. Lon.=75deg
					H. Ang=65deg
					MaxkeV=76
					Rast=60" x60"
					Step=10" Pitch=+223", Yaw=+652"

Event # = 423									
80/05/02, 04:02		DOY=123	SMM Pointing:		S19E50	Pitch=+268", Yaw=+694", Roll=0deg		H. Ang=51deg	
GOES		03:59	04:02	End times	Importance=C3		Qual=01		
HXRBS		04:00:02	04:02:00	04:01:57	Peak...c/s=96		Qual=01		
BCS		03:54	03:56	03:57	CaPeak.c/s=28		Qual=1		
FCS		03:55	03:55		Peak3...c/s=229		FePeak=03:56		
UVSP		03:58			Wavelength=1303A		Code=00		
Exp # = 2292									
MaxkeV=53									
FePeak.c/s=12		#Peaks=1		dt= 3.0s		XEN=12300			
Rast=180"x180"		Step=15"		Cad= 147s		1.024s/pixel			
Rast=120"x120"		Step=3"		Pitch=+220"		Yaw=+634"			
Event # = 424									
80/05/02, 04:37		DOY=123	SMM Pointing:		S19E50	Pitch=+268", Yaw=+694", Roll=0deg		H. Ang=51deg	
GOES		04:34	04:37	End times	Importance=C3		Qual=02		
HXRBS		04:36:20	04:36:30	04:36:50	Peak...c/s=110		Qual=01		
UVSP		03:58			Wavelength=1303A		Code=00		
Type/Intensity: III/1									
Radio Frequency(MHz)/Flux(sfu): 245/31 410/8 606/24 1415/150 2695/5 4995/5 8800/10									
Event # = 425									
80/05/02, 05:32		DOY=123	SMM Pointing:		S19E50	Pitch=+269", Yaw=+691", Roll=0deg		H. Ang=51deg	
GOES		05:29	05:32	End times	Importance=C2		Qual=01		
HXRBS		05:31:50	05:32:00	05:32:10	Peak...c/s=100		Qual=01		
UVSP		05:28			Wavelength=1214A		Code=00		
Tot Cts=910									
Exp # = 2294									
MaxkeV=53									
Rast=60"x240"		Step=3"		Pitch=+218"		Yaw=+626"			
Event # = 426									
80/05/02, 05:38		DOY=123	SMM Pointing:		S19E50	Pitch=+269", Yaw=+691", Roll=0deg		H. Ang=51deg	
GOES		05:35	05:38	End times	Importance=C3		Qual=01		
HXRBS		05:37:30	05:38:40	05:38:50	Peak...c/s=220		Qual=01		
UVSP		05:33			Wavelength=1214A		Code=00		
Type/Intensity: V/1									
Radio Frequency(MHz)/Flux(sfu): 1415/54 4995/16									
Event # = 20167									
80/05/02, 05:46		DOY=123	SMM Pointing:		S19E50	Pitch=+269", Yaw=+691", Roll=0deg		H. Ang=51deg	
GOES		05:42	05:46	End times	Importance=C2		Qual=01		
BCS		05:44	05:46	05:53	CaPeak.c/s=35		Qual=1		
FCS		05:47	05:47	05:54	Peak3...c/s=241		FePeak=05:46		
HXIS		05:47			Peak...c/s=72		Code=00		
Wavelength=1215A									
Exp # = 2297									
Rast=60"x240"		Step=3"		Pitch=+218"		Yaw=+625"			
Event # = 427									
80/05/02, 06:03		DOY=123	SMM Pointing:		S19E49	Pitch=+266", Yaw=+681", Roll=0deg		H. Ang=50deg	
GOES		05:53	06:03	End times	Importance=C3		Qual=03		
HXRBS		05:53:50	05:55:20	05:56:30	Peak...c/s=66		Qual=01		
BCS		06:04	06:04	06:04	CaPeak.c/s=18		Qual=1		
UVSP		06:02			Wavelength=1217A		Code=00		
FePeak=06:04									
Exp # = 2300									
MaxkeV=53									
FePeak.c/s=8		#Peaks=1		dt= 3.0s		XEN=12306			
Rast=60"x240"		Step=3"		Pitch=+218"		Yaw=+623"			

Event # = 20168									
80/05/02, 07:23	DOY=123								
Start	Peak								
GOES 07:12	07:23								
BCS 07:24	07:24								
UVSP 07:20									
SMM Pointing: S19E48									
Importance=C2									
CaPeak.c/s=20									
WaveLength=1546A									
Code=00									
FePeak=07:24									
Exp #=2306									
FePeak.c/s=6									
#Peaks=1									
Rast=240"x240"									
Step=3"									
Pitch=+217", Yaw=+616"									
Pitch=+265", Yaw=+676", Roll=0deg									
H.Ang=50deg									
Event # = 20169									
80/05/02, 07:32	DOY=123								
Start	Peak								
GOES 07:28	07:32								
BCS 07:28	07:32								
FCS 07:32	07:32								
UVSP 07:31									
SMM Pointing: S19E48									
Importance=C2									
CaPeak.c/s=28									
Peak3...c/s=278									
WaveLength=1546A									
Code=00									
Exp #=2308									
FePeak.c/s=4									
#Peaks=1									
Rast=180"x180"									
Step=15"									
Cad= 147s									
dt= 6.0s									
XEN=12309									
Pitch=+217", Yaw=+614"									
Pitch=+265", Yaw=+676", Roll=0deg									
H.Ang=50deg									
Event # = 428									
80/05/03, 02:07	DOY=124								
Start	Peak								
Optical									
GOES 02:03	02:07								
HXRBS 02:04:10	02:05:30								
Radio Sweeps	Type/Intensity:								
Radio Frequency(MHz)/Flux(sfu):	410/81 606/180 1415/66 2695/89 4995/190 8800/160 15400/75								
SMM Pointing: S19E47									
Ha...Class=1B									
Importance=C9									
Qual=01									
Peak...c/s=2080									
Qual=01									
Tot Cts=81640									
MaxkeV=198									
Mac.=FKI									
Carr.Lon.=137deg									
H.Ang=20deg									
Pitch=+264", Yaw=+665", Roll=0deg									
H.Ang=49deg									
Event # = 429									
80/05/03, 04:01	DOY=124								
Start	Peak								
GOES 03:58	04:01								
HXRBS 03:55:10	03:55:25								
Radio Frequency(MHz)/Flux(sfu):	410/230 606/230 1415/12 2695/9								
SMM Pointing: S19E47									
Importance=C2									
Qual=01									
Peak...c/s=105									
Qual=01									
Tot Cts=1448									
MaxkeV=53									
Pitch=+264", Yaw=+665", Roll=0deg									
H.Ang=49deg									
Event # = 430									
80/05/03, 04:21	DOY=124								
Start	Peak								
GOES 04:16	04:21								
HXRBS 04:19:08	04:19:20								
SMM Pointing: S19E47									
Importance=C2									
Qual=01									
Peak...c/s=65									
MaxkeV=53									
Pitch=+264", Yaw=+665", Roll=0deg									
H.Ang=49deg									
Event # = 431									
80/05/03, 07:22	DOY=124								
Start	Peak								
GOES 07:20	07:22								
HXRBS 07:22:05	07:22:12								
SMM Pointing: S19E47									
Importance=C1									
Qual=01									
Peak...c/s=72									
MaxkeV=53									
Pitch=+264", Yaw=+665", Roll=0deg									
H.Ang=49deg									
Event # = 432									
80/05/03, 13:20	DOY=124								
Start	Peak								
Optical									
GOES 13:05	13:20								
HXRBS 13:12:40	13:15:10								
Radio Frequency(MHz)/Flux(sfu):	245/500 410/130 606/180 1415/180 2695/300 4995/55 8800/84								
SMM Pointing: N00W00									
Ha...Class=1N									
Importance=M2									
Qual=05									
Peak...c/s=150									
Qual=04									
Tot Cts=22400									
MaxkeV=99									
Flags=SN,ES									
Mac.=EKI									
Carr.Lon.=74deg									
H.Ang=47deg									
H.Ang=4deg									

Event # = 433									
80/05/03, 18:24	DOY=124	Peak	End times	SMM Pointing:	N00W00				H. Ang=4deg
GOES 18:21	18:24	18:32		Importance=C6	Qual=01				
HXRBS 18:22:30	18:22:42	18:23:40		Peak...c/s=88	Qual=01			MaxkeV=53	
Associated Event # = 434									
HXRBS 18:29:40	18:29:55	18:30:20		Peak...c/s=60	Qual=01			MaxkeV=53	
Event # = 435									
80/05/03, 21:24	DOY=124	Peak	End times	SMM Pointing:	S04W00			Pitch=+1", Yaw=-6", Roll=0deg	H. Ang=0deg
GOES 21:20	21:24	21:37		Importance=C5	Qual=01				
HXRBS 21:12:55	21:24:25	21:26:15		Peak...c/s=130	Qual=01			MaxkeV=123	
Radio Frequency (MHz)/Flux(sfu):	410/520								
Event # = 436									
80/05/03, 23:18	DOY=124	Peak	End times	SMM Pointing:	S04W00			Pitch=+3", Yaw=+4", Roll=0deg	H. Ang=0deg
Optical				Ha...Class=SN	S19W35				
GOES 23:15	23:18	23:25		Importance=C9	Qual=01			Mac.=FKI Carr. Lon.=146deg	H. Ang=37deg
HXRBS 23:17:00	23:17:18	23:19:10		Peak...c/s=550	Qual=01			MaxkeV=146	
Radio Sweeps	Type/Intensity:	III/1							
Event # = 437									
80/05/04, 00:44	DOY=125	Peak	End times	SMM Pointing:	S04W00			Pitch=-1", Yaw=+7", Roll=0deg	H. Ang=0deg
Optical				Ha...Class=1B	S22W90				
GOES 00:39	00:44	00:49		Importance=C5	Qual=01			Mac.=BX0 Carr. Lon.=200deg	H. Ang=89deg
HXRBS 00:41:05	00:41:35	00:45:10		Peak...c/s=240	Qual=01			MaxkeV=123	
Event # = 438									
80/05/04, 04:28	DOY=125	Peak	End times	SMM Pointing:	S04W00			Pitch=+0", Yaw=+0", Roll=0deg	H. Ang=0deg
GOES				peak...c/s=90	Qual=00			MaxkeV=99	
HXRBS 04:27:30	04:28:25	04:28:50			Qual=01				
Event # = 439									
80/05/04, 10:35	DOY=125	Peak	End times	SMM Pointing:	S04W00			Pitch=+3", Yaw=+2", Roll=0deg	H. Ang=0deg
GOES 10:26	10:35	10:39		Importance=C2	Qual=01				
HXRBS 10:34:42	10:34:46	10:34:50		Peak...c/s=100	Qual=01			MaxkeV=53	
Event # = 440									
80/05/04, 12:06	DOY=125	Peak	End times	SMM Pointing:	S04W00			Pitch=+2", Yaw=+4", Roll=0deg	H. Ang=0deg
GOES 12:00	12:06	12:12		Importance=C2	Qual=01				
HXRBS 12:01:30	12:02:00	12:03:50		Peak...c/s=122	Qual=01			MaxkeV=53	

Event # = 441									
80/05/04	18:30	DOY=125		SMM Pointing:	S21E19		Pitch=+285", Yaw=+295", Roll=0deg	H. Ang=25deg	
Optical	Start	Peak	End times	Ha...Class=SN	S17W41	AR2411	Mac.=FK1	Carr. Lon.=141deg	H. Ang=42deg
GOES	18:23	18:30	18:40	Importance=C3	Qual=01		MaxkeV=123		
HXRBS	18:23:45	18:24:45	18:27:45	Peak...c/s=290	Qual=01	Tot Cts=11919	FePeak.c/s=8	#Peaks=1	XEN=12501
BCS	18:30	18:30	18:30	CaPeak.c/s=20	Qual=1	FePeak=18:30	Rast=120"x120"	Pitch=+295", Yaw=+199"	
UVSP	18:22			Wavelength=1547A	Code=00	Exp #=2323			
Radio	Frequency (MHz)/Flux(sfu):			606/650 1415/72 2695/31 4995/36 8800/22					
BCS	18:28	18:28	18:28	CaPeak.c/s=19	Qual=1	FePeak=18:28	FePeak.c/s=9	#Peaks=1	XEN=12500

Event # = 442									
80/05/04	20:15	DOY=125		SMM Pointing:	S21E19		Pitch=+287", Yaw=+286", Roll=0deg	H. Ang=25deg	
Optical	Start	Peak	End times	Ha...Class=SN	S17W41		Mac.=FK1		
GOES	20:12	20:15	20:18	Importance=C2	Qual=01		MaxkeV=123		
HXRBS	20:14:45	20:14:55	20:15:10	Peak...c/s=122	Qual=01	Tot Cts=651	FePeak.c/s=14	#Peaks=1	XEN=12502
BCS	20:15	20:15	20:16	CaPeak.c/s=25	Qual=1	FePeak=20:15	Rast=0"x0"	Step=0"	Cad=.26s 0.256s/pixel
FCS				Wavelength=1237A	Code=00	Exp #=2328	Rast=21"x21"	Step=3"	Pitch=+271", Yaw=+268"
UVSP	19:53			245/780 410/160 606/32 1415/23 2695/13 4995/15 8800/18					
Radio	Frequency (MHz)/Flux(sfu):								

Event # = 443									
80/05/04	20:21	DOY=125		SMM Pointing:	S21E19		Pitch=+287", Yaw=+286", Roll=0deg	H. Ang=25deg	
Optical	Start	Peak	End times	Ha...Class=SN	S17W41		Mac.=FK1		
GOES	20:20	20:21	20:24	Importance=C2	Qual=01		MaxkeV=53		
HXRBS	20:20:00	20:20:35	20:22:10	Peak...c/s=65	Qual=01		FePeak.c/s=18	#Peaks=1	XEN=12504
BCS	20:20	20:21	20:22	CaPeak.c/s=33	Qual=1	FePeak=20:21	Rast=0"x0"	Step=0"	Cad=.26s 0.256s/pixel
FCS				Wavelength=1237A	Code=00	Exp #=2328	Rast=21"x21"	Step=3"	Pitch=+271", Yaw=+268"
UVSP	19:53			410/25 606/21 1415/23 2695/4 4995/8					
Radio	Frequency (MHz)/Flux(sfu):								

Event # = 444									
80/05/04	21:18	DOY=125		SMM Pointing:	S21E18		Pitch=+283", Yaw=+275", Roll=0deg	H. Ang=24deg	
Optical	Start	Peak	End times	Ha...Class=SN	S17W41	AR2418	Mac.=FK1		
GOES	21:12	21:18	21:23	Importance=C1	Qual=01		MaxkeV=253	Flags=M, SN, AX	
HXRBS	21:11:00	21:12:00	21:20:10	Peak...c/s=118	Qual=02	Tot Cts=14458	Rast=3"x3"	Step=0"	Pitch=+304", Yaw=+338"
UVSP	21:14			Wavelength=1235A	Code=00	Exp #=2330			

Event # = 445									
80/05/04	22:11	DOY=125		SMM Pointing:	S21E17		Pitch=+284", Yaw=+265", Roll=0deg	H. Ang=24deg	
Optical	Start	Peak	End times	Ha...Class=SF	S21E22	AR2418	Mac.=FK1	Carr. Lon.=76deg	H. Ang=28deg
GOES	22:08	22:11	22:13	Importance=C2	Qual=02		MaxkeV=253		
HXRBS	22:03:10	22:03:48	22:04:10	Peak...c/s=275	Qual=01	Tot Cts=3615			
HXIS	22:11			Peak...c/s=80		Exp #=2332	Rast=240"x240"	Step=3"	Pitch=+245", Yaw=+216"
UVSP	22:48			Wavelength=1216A		4995/22 8800/40 15400/26			
Radio	Frequency (MHz)/Flux(sfu):			245/750 410/380 606/27 1415/520 2695/17 4995/22 8800/40 15400/26					

Event # = 446									
80/05/04, 23:39	DOY=125								
Optical	Start	End times	SMM Pointing:	S21E17				Pitch=+286" , Yaw=+260" , Roll=0deg	H. Ang=24deg
GOES	23:33	23:39	Ha...Class=SN	S21W47	AR2411			Mac.=FKI	Carr. Lon.=145deg
GOES	23:35:04	23:38:55	Importance=C3	Qual=02				MaxkeV=53	H. Ang=49deg
HRBS	23:35:04	23:39:14	Peak...c/s=75	Qual=01				Rast=21"x21"	
UVSP	23:05		Wavelength=1237A	Code=01	Exp #=2335			Step=3"	Pitch=+306" , Yaw=+315"
Radio	Frequency(MHz)/Flux(sfu):	1415/51							
80/05/05 DOY=126									
Event # = 447									
80/05/05, 02:59	DOY=126								
Optical	Start	End times	SMM Pointing:	S21E15				Pitch=+282" , Yaw=+226" , Roll=0deg	H. Ang=22deg
GOES	02:55	02:59	Importance=C1	Qual=01					
HRBS	02:56:20	02:56:55	Peak...c/s=260	Qual=03	Tot Cts=2408			MaxkeV=123	Flags=EN
UVSP	02:18		Wavelength=1237A	Code=01	Exp #=2342			Rast=21"x21"	Step=3"
								Pitch=+302" , Yaw=+289"	
Event # = 448									
80/05/05, 04:08	DOY=126								
Optical	Start	End times	SMM Pointing:	S21E15				Pitch=+285" , Yaw=+223" , Roll=0deg	H. Ang=22deg
GOES	04:00	04:08	Ha...Class=SF	S20E06	AR2418			Mac.=EKI	Carr. Lon.=89deg
GOES	04:07:00	04:08:10	Importance=C1	Qual=01					H. Ang=17deg
HRBS	04:07:00	04:08:40	Peak...c/s=133	Qual=01	Tot Cts=1679			MaxkeV=123	
UVSP	03:41		Wavelength=1214A	Code=00	Exp #=2345			Rast=180"x1"	Step=0"
Radio	Frequency(MHz)/Flux(sfu):	606/58 1415/20						Pitch=+302" , Yaw=+323"	
Event # = 449									
80/05/05, 04:29	DOY=126								
Optical	Start	End times	SMM Pointing:	S21E14				Pitch=+282" , Yaw=+213" , Roll=0deg	H. Ang=22deg
GOES	04:26	04:29	Ha...Class=1F	S17W54	AR2411			Mac.=FAI	Carr. Lon.=149deg
GOES	04:30:00	04:31:00	Importance=C1	Qual=03					H. Ang=55deg
HRBS	04:30:00	04:31:00	Peak...c/s=52	Qual=01				MaxkeV=53	
UVSP	03:41		Wavelength=1214A	Code=00	Exp #=2345			Rast=180"x1"	Step=0"
Radio	Frequency(MHz)/Flux(sfu):	606/2200 1415/6 2695/7 4995/25 8800/34						Pitch=+302" , Yaw=+323"	
Event # = 450									
80/05/05, 05:26	DOY=126								
Optical	Start	End times	SMM Pointing:	S21E14				Pitch=+285" , Yaw=+212" , Roll=0deg	H. Ang=22deg
GOES	05:24	05:26	Ha...Class=SF	S20E06	AR2418			Mac.=EKI	Carr. Lon.=88deg
GOES	05:25:04	05:25:12	Importance=C1	Qual=01					H. Ang=17deg
HRBS	05:25:04	05:25:54	Peak...c/s=82	Qual=01				MaxkeV=53	
UVSP	05:21		Wavelength=1215A	Code=00	Exp #=2347			Rast=180"x1"	Step=0"
Radio	Frequency(MHz)/Flux(sfu):	606/2200 1415/6 2695/7 4995/25 8800/34						Pitch=+301" , Yaw=+309"	
Event # = 20170									
80/05/05, 10:41	DOY=126								
Optical	Start	End times	SMM Pointing:	S21E11				Pitch=+280" , Yaw=+167" , Roll=0deg	H. Ang=20deg
GOES	10:32		Ha...Class=SN	S21W47					
GOES	10:48	10:52	Importance=C1	Qual=03					
HRBS	10:48	10:52	Peak...c/s=76	Qual=01				MaxkeV=53	
UVSP	10:41		Wavelength=1548A	Code=02	Exp #=2363			Rast=60"x60"	Step=3"
Radio	Frequency(MHz)/Flux(sfu):	606/2200 1415/6 2695/7 4995/25 8800/34						Pitch=+289" , Yaw=+25"	
Event # = 451									
80/05/05, 10:52	DOY=126								
Optical	Start	End times	SMM Pointing:	S21E11				Pitch=+280" , Yaw=+167" , Roll=0deg	H. Ang=20deg
GOES	10:48	10:52	Importance=C1	Qual=03					
HRBS	10:48	10:52	Peak...c/s=76	Qual=01				MaxkeV=53	
UVSP	10:41		Wavelength=1548A	Code=02	Exp #=2363			Rast=60"x60"	Step=3"
Radio	Frequency(MHz)/Flux(sfu):	606/2200 1415/6 2695/7 4995/25 8800/34						Pitch=+289" , Yaw=+25"	

Event # = 452									
80/05/05,21:11	DOY=126	Peak	SMM Pointing:	S19E04			Pitch=+253", Yaw=+65", Roll=0deg		H. Ang=16deg
GOES		End times			Qual=00				
HXRBS	21:09:00	21:11:40	21:12:40	Peak...c/s=73	Qual=01				
UVSP	21:10			Wavelength=1542A		Exp #=2387	Step=0"	Pitch=+303", Yaw=-27"	
Event # = 453									
80/05/05,23:08	DOY=126	Peak	SMM Pointing:	S19E03			Pitch=+254", Yaw=+53", Roll=0deg		H. Ang=16deg
Optical		End times							
GOES	23:05	23:08	23:10	Ha...Class=SF	S20W54	AR2411	Mac.=FKI	Carr. Lon.=139deg	H. Ang=55deg
HXRBS	23:07:26	23:07:46	23:08:16	Importance=C1	Qual=02		MaxkeV=53		
UVSP	23:04			Peak...c/s=69	Qual=01	Exp #=2393	Rast=3"x3"	Step=0"	Pitch=+307", Yaw=-24"
Event # = 454									
80/05/05,23:33	DOY=126	Peak	SMM Pointing:	S19E03			Pitch=+251", Yaw=+43", Roll=0deg		H. Ang=16deg
GOES		End times			Qual=00				
HXRBS	23:33:10	23:33:29	23:34:10	Peak...c/s=90	Qual=01		MaxkeV=53		
UVSP	23:08			Wavelength=1547A		Exp #=2394	Rast=120"x120"	Step=3"	Pitch=+273", Yaw=-25"
80/05/06 DOY=127									
Event # = 455									
80/05/06,04:08	DOY=127	Peak	SMM Pointing:	S19E01			Pitch=+254", Yaw=+13", Roll=0deg		H. Ang=15deg
GOES	04:05	04:08	04:12	Importance=C1	Qual=01				
HXRBS	04:06:40	04:07:04	04:07:40	Peak...c/s=140	Qual=01	Tot Cts=185	MaxkeV=123		
UVSP	03:42			Wavelength=1547A	Code=00	Exp #=2405	Rast=3"x6"	Step=3"	Pitch=+262", Yaw=-35"
Event # = 20171									
80/05/06,10:24	DOY=127	Peak	SMM Pointing:	S18W68			Pitch=+273", Yaw=-837", Roll=0deg		H. Ang=68deg
GOES		End times			Qual=00				
UVSP	10:22			Wavelength=1547A		Exp #=2424	Rast=240"x240"	Step=3"	Pitch=+224", Yaw=-897"
C/P	10:24	Extrap	St=05/06,09:35	PA=281deg	Interior loop emitting in H-alpha				
Event # = 456									
80/05/06,18:11	DOY=127	Peak	SMM Pointing:	N02W18			Pitch=-300", Yaw=+92", Roll=90deg		H. Ang=19deg
Optical		End times							
GOES	18:06	18:11	18:19	Ha...Class=IN	S17W72	AR2411	Mac.=FAI	Carr. Lon.=146deg	H. Ang=72deg
HXRBS	18:08:30	18:09:48	18:11:05	Importance=C4	Qual=01		MaxkeV=123	Flags=D6, ND	
UVSP	18:05			Peak...c/s=400	Qual=11	Tot Cts=11259	Rast=120"x120"	Step=3"	Pitch=-296", Yaw=-10"
Radio		Frequency(MHz)/Flux(sfu):	606/93 1415/32 2695/22 4995/15			Exp #=2441			
80/05/07 DOY=128									
Event # = 457									
80/05/07,02:43	DOY=128	Peak	SMM Pointing:	S20W12			Pitch=-183", Yaw=-277", Roll=90deg		H. Ang=20deg
GOES	02:38	02:43	02:47	Importance=C2	Qual=01				
HXRBS	02:40:00	02:40:50	02:41:30	Peak...c/s=68	Qual=01		MaxkeV=53		
UVSP	02:00			Wavelength=1547A	Code=00	Exp #=2461	Rast=3"x6"	Step=3"	Pitch=-250", Yaw=-268"

Event # = 458									
80/05/07, 04:07		DOY=128	SMM Pointing:		S20W13	Pitch=-203", Yaw=-273", Roll=90deg		H. Ang=21deg	
Start		Peak	End times						
GOES	04:00	04:07	04:11		Qual=01				
HXRBS	04:03:08	04:03:39	04:10:58		Importance=C3				
UVSP	03:39				Peak...c/s=2600				
Radio	Frequency (MHz)/Flux(sfu):				Wavelength=1547A				
					410/120 606/5100				
					1415/260				
					2695/130				
					4995/160				
					8800/200				
					15400/220				
Event # = 459									
80/05/07, 10:36		DOY=128	SMM Pointing:		S18W77	Pitch=-882", Yaw=-288", Roll=90deg		H. Ang=77deg	
Start		Peak	End times						
GOES	10:33	10:36	10:41		Qual=01				
HXRBS	10:32:59	10:34:02	10:35:59		Importance=C2				
BCS	10:33	10:36	10:41		Peak...c/s=130				
FCS	10:38	10:38			CaPeak...c/s=34				
HXIS	10:33	10:33			Peak3...c/s=127				
UVSP	10:36				Peak...c/s=84				
					Wavelength=1547A				
					Code=02				
					Exp #=2480				

Event # = 463	80/05/07, 21:28	DOY=128	SMM Pointing:	S18W86	Pitch=+292", Yaw=-903", Roll=0deg	H. Ang=85deg
Start	21:15	Peak	Importance=C1	Qual=01		
GOES	21:15	21:28	Peak...c/s=54	Qual=01		
HXRBS	21:18:04	21:18:16	Wavelength=1542A	Code=00	Step=0" Pitch=+314", Yaw=-905"	
UVSP	21:26			Exp #=2510		
Event # = 464	80/05/07, 23:29	DOY=128	SMM Pointing:	S18W89	Pitch=+294", Yaw=-905", Roll=0deg	H. Ang=88deg
Start	23:20	Peak	Ha....Class=IN	AR2418	Mac.=EKI Carr. Lon.=78deg	H. Ang=28deg
Optical	23:20	23:29	Importance=C5	Qual=01		
GOES	23:21:15	23:23:10	Peak...c/s=220	Qual=01	MaxkeV=123	
HXRBS	23:21:15	23:30:20	Wavelength=1547A	Code=00	Rast=120"x120" Step=3" Pitch=+314", Yaw=-907"	
UVSP	23:04			Exp #=2515		
Radio	Frequency(MHz)/Flux(sfu):	606/5 1415/19 2695/36				
Event # = 465	80/05/08, 00:23	DOY=129	SMM Pointing:	N12E06	Pitch=+301", Yaw=-904", Roll=0deg	
Start	00:16	Peak	Ha....Class=SF	AR2440	Mac.=DRI Carr. Lon.=52deg	H. Ang=16deg
Optical	00:16	00:23	Importance=C2	Qual=04		
GOES	00:18:15	00:18:30	Peak...c/s=78	Qual=01	MaxkeV=76	
HXRBS	00:18:15	00:18:45	Wavelength=1542A	Code=00	Rast=3"x3" Step=0" Pitch=+314", Yaw=-907"	
UVSP	00:18			Exp #=2516		
Radio	Sweeps	Type/Intensity:	V/1			
Event # = 466	80/05/08, 00:58	DOY=129	SMM Pointing:	S22W18	Pitch=+301", Yaw=-904", Roll=0deg	
Start	00:54	Peak	Ha....Class=SB	AR2418	Mac.=EKI Carr. Lon.=75deg	H. Ang=26deg
Optical	00:54	01:04	Importance=M2	Qual=01		
GOES	00:56:25	00:57:35	Peak...c/s=3550	Qual=01	Tot Cts=1.94E+5 MaxkeV=314	
HXRBS	00:56:25	01:02:50	Wavelength=1547A	Code=00	Rast=120"x120" Step=3" Pitch=+316", Yaw=-907"	
UVSP	00:41			Exp #=2519		
Radio	Sweeps	Type/Intensity:	I1/2 I11/1 V/1			
Radio	Frequency(MHz)/Flux(sfu):	245/19000 410/5700 606/12000 1415/340 2695/180 4995/190 8800/300 15400/150				
Event # = 467	80/05/08, 04:20	DOY=129	SMM Pointing:	S21W20	Pitch=+295", Yaw=-912", Roll=0deg	
Start	04:16	Peak	Ha....Class=SF	AR2418	Mac.=EKI Carr. Lon.=75deg	H. Ang=26deg
Optical	04:16	04:25	Importance=C1	Qual=01		
GOES	04:19:37	04:19:50	Peak...c/s=460	Qual=01	MaxkeV=123	
HXRBS	04:19:37	04:21:11	Wavelength=1237A	Code=00	Rast=60"x60" Step=3" Pitch=+279", Yaw=-918"	
UVSP	03:47			Exp #=2526		
Radio	Frequency(MHz)/Flux(sfu):	606/840 1415/19				
Radio		Associated Event # = 468				
HXRBS	04:23:16	04:23:25	Peak...c/s=71	Qual=01	MaxkeV=53	
Event # = 21056	80/05/08, 05:30	DOY=129	SMM Pointing:	S23W25	Pitch=+326", Yaw=-368", Roll=0deg	H. Ang=31deg
Start	05:20	Peak	Ha....Class=SF	AR2440	Mac.=DRI Carr. Lon.=53deg	H. Ang=15deg
Optical	05:20	05:42	Importance=C1	Qual=01		
GOES	05:20	05:30	Wavelength=1547A	Code=00	Rast=3"x6" Step=3" Pitch=+310", Yaw=-361"	
UVSP	05:16			Exp #=2529		

Event # = 469									
80/05/08,08:45	DOY=129	Peak	End times	SMM Pointing:	S23W26			Pitch=+325", Yaw=-391", Roll=0deg	H. Ang=32deg
GOES 08:42	08:45	08:47	08:47	Importance=C1	Qual=01				
HXRBS 08:43:04	08:43:20	08:43:49		Peak...c/s=130	Qual=01	Tot Cts=929		MaxkeV=99	
UVSP 08:32				Wavelength=2792A	Code=00	Exp #=2536		Rast=120"x240" Step=3" Pitch=+279", Yaw=-443"	
Event # = 470									
80/05/08,09:14	DOY=129	Peak	End times	SMM Pointing:	S23W26			Pitch=+325", Yaw=-391", Roll=0deg	H. Ang=32deg
Optical				Ha...Class=SF	N11E01			Mac.=DRI Carr. Lon.=52deg	H. Ang=14deg
GOES 09:10	09:14	09:19	09:19	Importance=C1	Qual=03	AR2440			
HXRBS 09:09:38	09:10:30	09:11:48		Peak...c/s=110	Qual=01	Tot Cts=2039		MaxkeV=76	
BCS 09:12	09:14	09:17		CaPeak.c/s=37	Qual= 3	FePeak=09:14		dt= 6.1s XEN=12900	
FCS 09:15	09:15			Peak3...c/s=210				Rast=180"x180" Step=15" Cad= 147s	1.024s/pixel
HXIS 09:14	09:14			Peak...c/s=76				Rast=3"x3" Step=0" Pitch=+287", Yaw=-504"	
UVSP 08:46				Wavelength=2797A	Code=00	Exp #=2537			
Event # = 20076									
80/05/08,10:59	DOY=129	Peak	End times	SMM Pointing:	S23W28			Pitch=+326", Yaw=-409", Roll=0deg	H. Ang=33deg
GOES 10:47	10:59	11:10	11:10	Importance=C2	Qual=02				
BCS 10:50	10:53	10:53		CaPeak.c/s=25	Qual= 2	FePeak=10:53		dt= 6.1s XEN=12901	
FCS 10:52	10:52			Peak3...c/s=105				Rast=180"x180" Step=15" Cad= 147s	1.024s/pixel
UVSP 10:44				Wavelength=1547A	Code=01	Exp #=2543		Rast=60"x60" Step=3" Pitch=+336", Yaw=-546"	
Event # = 20077									
80/05/08,12:14	DOY=129	Peak	End times	SMM Pointing:	S23W29			Pitch=+333", Yaw=-421", Roll=0deg	H. Ang=34deg
Optical				Ha...Class=SF	S22W24	AR2418		Mac.=EKI Carr. Lon.=75deg	H. Ang=30deg
GOES 12:08	12:14	13:05	13:05	Importance=C3	Qual=03				
BCS 12:10	12:10	12:15		CaPeak.c/s=24	Qual= 1	FePeak=12:10		dt= 6.1s XEN=12903	
FCS 12:10	12:10			Peak3...c/s=123				Rast=180"x180" Step=15" Cad= 147s	1.024s/pixel
UVSP 12:10				Wavelength=1547A	Code=00	Exp #=2547		Rast=60"x60" Step=3" Pitch=+337", Yaw=-557"	
Event # = 471									
80/05/08,13:44	DOY=129	Peak	End times	SMM Pointing:	S23W29			Pitch=+328", Yaw=-430", Roll=0deg	H. Ang=35deg
Optical				Ha...Class=SB	S22W25	AR2418		Mac.=EKI Carr. Lon.=75deg	H. Ang=31deg
GOES 13:40	13:44	13:52	13:52	Importance=M1	Qual=01				
HXRBS 13:40:00	13:42:00	13:45:50		Peak...c/s=440	Qual=01	Tot Cts=39340		MaxkeV=198	
BCS 13:40	13:44	13:55		CaPeak.c/s=482	Qual= 1	FePeak=13:43		dt= 6.1s XEN=12904	
FCS 13:48	13:48			Peak3...c/s=54				Rast=180"x180" Step=15" Cad= 147s	1.024s/pixel
HXIS 13:42	13:42			Peak...c/s=893				Rast=113"x113" Step=10" Pitch=+219", Yaw=-419"	
UVSP 13:40				Wavelength=1547A	Code=00	Exp #=2552			
Radio Frequency(MHz)/Flux(sfu):	606/110	1415/29	2695/45	4995/33	8800/69				
Event # = 472									
80/05/08,14:11	DOY=129	Peak	End times	SMM Pointing:	S23W29			Pitch=+328", Yaw=-430", Roll=0deg	H. Ang=35deg
Optical				Ha...Class=SN	S22W25	AR2418		Mac.=EKI Carr. Lon.=75deg	H. Ang=31deg
GOES 14:04	14:11	14:18	14:18	Importance=C4	Qual=02				
HXRBS 14:04:28	14:04:50	14:05:13		Peak...c/s=85	Qual=03	FePeak=14:04		Flags=EN	XEN=12907
BCS 14:04	14:04	14:04		CaPeak.c/s=21	Qual= 2			dt= 6.1s XEN=12907	
FCS 14:04	14:04			Peak3...c/s=6				Rast=180"x180" Step=15" Cad= 147s	1.024s/pixel
UVSP 14:00				Wavelength=1547A	Code=01	Exp #=2554		Rast=60"x60" Step=3" Pitch=+338", Yaw=-570"	

Event # = 473									
80/05/08, 19:38	Start	DOY=129	Peak	End times	SMM Pointing:	N36W80	Pitch=-570", Yaw=-756", Roll=0deg	H.Ang=84deg	
Optical					Ha...Class=S8	AR2418	Mac.=EKI	Carr. Lon.=76deg	H.Ang=34deg
GOES	19:34	19:38	19:45		Importance=M2	Qual=01			
HXRBS	19:35:50	19:37:10	19:43:10		Peak...c/s=1980	Qual=01	MaxkeV=172	Flags=M	
UVSP	19:36				Wavelength=1211A	Code=00	Rast=10"x10"	Step=0"	Pitch=-511", Yaw=-696"
Radio Sweeps					III/1	Exp #=2567			
Radio Frequency(MHz)/Flux(sfu):					606/55 1415/34 2695/39 4995/54 8800/120				
Event # = 474									
80/05/08, 21:05	Start	DOY=129	Peak	End times	SMM Pointing:	N36W80	Pitch=-570", Yaw=-756", Roll=0deg	H.Ang=84deg	
GOES					Qual=00				
HXRBS	21:04:45	21:05:30	21:06:25		Peak...c/s=85	Qual=01	MaxkeV=123		
UVSP	21:26				Wavelength=1211A	Exp #=2573	Rast=10"x10"	Step=0"	Pitch=-521", Yaw=-824"
Event # = 475									
80/05/08, 21:42	Start	DOY=129	Peak	End times	SMM Pointing:		Pitch=-570", Yaw=-765", Roll=0deg		
GOES	21:33	21:42	21:52		Importance=C2	Qual=01			
HXRBS	21:33:10	21:34:00	21:37:50		Peak...c/s=85	Qual=01	MaxkeV=53		
UVSP	21:46				Wavelength=1211A	Code=02	Rast=10"x10"	Step=0"	Pitch=-541", Yaw=-824"
80/05/09 DOY=130									
Event # = 20176									
80/05/09, 02:13	Start	DOY=130	Peak	End times	SMM Pointing:	S22W33	Pitch=+318", Yaw=-483", Roll=0deg	H.Ang=37deg	
GOES	02:08	02:13	02:39		Importance=C3	Qual=01			
BGS	02:20	02:23	02:26		CaPeak.c/s=37	Qual=1	FePeak=02:23	#Peaks=1 dt= 3.0s XEN=13002	
FCS							Rast=0"x0"	Step=0"	Cad=.26s 0.256s/pixel
HXIS	02:22				Peak...c/s=64				
UVSP	01:59				Wavelength=1348A	Code=00	Rast=240"x240"	Step=3"	Pitch=+276", Yaw=-536"
Event # = 476									
80/05/09, 03:42	Start	DOY=130	Peak	End times	SMM Pointing:	S22W34	Pitch=+315", Yaw=-488", Roll=0deg	H.Ang=38deg	
GOES	03:37	03:42	03:46		Importance=C2	Qual=01			
HXRBS	03:38:55	03:39:00	03:39:15		Peak...c/s=115	Qual=01	MaxkeV=54		
BGS	03:39	03:41	03:45		CaPeak.c/s=47	Qual=1	FePeak.c/s=12 dt= 3.0s XEN=13006		
FCS		03:43			Peak3...c/s=419		Rast=30"x30"	Step=10"	Cad=9.22s 1.024s/pixel
HXIS	03:42				Peak...c/s=69				
UVSP	03:30				Wavelength=2792A	Code=00	Rast=120"x240"	Step=3"	Pitch=+268", Yaw=-538"
Event # = 477									
80/05/09, 05:36	Start	DOY=130	Peak	End times	SMM Pointing:	S22W34	Pitch=+315", Yaw=-495", Roll=0deg	H.Ang=38deg	
GOES	05:28	05:36	05:39		Importance=C2	Qual=01			
HXRBS	05:31:30	05:32:20	05:33:10		Peak...c/s=80	Qual=01	MaxkeV=54		
UVSP	05:32				Wavelength=1547A	Code=00	Rast=120"x120"	Step=3"	Pitch=+315", Yaw=-490"

Event # = 478									
80/05/09, 05:44	DOY=130	Peak	End times	SMM Pointing:	S22W34		Pitch=+315", Yaw=-495", Roll=0deg	H. Ang=38deg	
Optical				Ha...Class=S8					
GOES 05:39	05:44	05:50		Importance=C3	Qual=01	AR2418	Mac.=EKI Carr. Lon.=74deg	H. Ang=37deg	
HXRBS 05:41:25	05:41:50	05:42:25		Peak...c/s=82	Qual=01		MaxkeV=54		
BCS 05:32	05:43	05:52		CaPeak.c/s=106	Qual=1	FePeak=05:43	#Peaks=2 dt= 6.0s	XEN=13004	
FCS 05:45	05:45			Peak3...c/s=755			Rast=30"x30" Step=10" Cad=9.22s	1.024s/pixel	
HXIS 05:40	05:42			Peak...c/s=232			Rast=6"x6" Step=3" Pitch=+315", Yaw=-491"		
UVSP 05:40				Wavelength=1547A	Code=00	Exp #=2598			
Event # = 479									
80/05/09, 07:14	DOY=130	Peak	End times	SMM Pointing:	S22W35		Pitch=+316", Yaw=-506", Roll=0deg	H. Ang=39deg	
Optical				Ha...Class=18	S21W32		Mac.=EKI Carr. Lon.=73deg	H. Ang=36deg	
GOES 07:09	07:14	07:29		Importance=M7	Qual=01	AR2418	MaxkeV=475		
HXRBS 07:11:05	07:12:35	07:21:40		Peak...c/s=10800	Qual=01		Flags=M, FS		
GRS 07:11:52	07:13:14	07:13:14		Max.E..MeV= 0.6		Tot Cts=6.94E+5	>10MeV=N	Dur=82sec	
BCS 07:11	07:13	07:39		CaPeak.c/s=3901	Qual=1	Nuclear.Line=N	#Peaks=1 dt= 3.0s	XEN=13000	
FCS 07:22	07:22			Peak3...c/s=115		FePeak=07:13	Rast=30"x30" Step=10" Cad=9.22s	1.024s/pixel	
HXIS 07:11	07:14			Peak...c/s=5344					
UVSP 07:11				Wavelength=1547A	Code=00	Exp #=2603	Rast=113"x113" Step=10" Pitch=+207", Yaw=-501"		
Radio	Frequency (MHz)/Flux(sfu):	410/840 606/260 1415/110 2695/210 4995/290 8800/370 15400/280							
Event # = 480									
80/05/09, 10:36	DOY=130	Peak	End times	SMM Pointing:	S22W37		Pitch=+319", Yaw=-532", Roll=0deg	H. Ang=41deg	
GOES 10:32	10:36	10:39		Importance=C2	Qual=01		MaxkeV=54		
HXRBS 10:32:40	10:35:00	10:35:55		Peak...c/s=135	Qual=01	Tot Cts=2210	Rast=60"x60" Step=3" Pitch=+333", Yaw=-518"		
UVSP 10:32				Wavelength=1547A	Code=00	Exp #=2614			
Event # = 481									
80/05/09, 15:24	DOY=130	Peak	End times	SMM Pointing:	N30W78		Pitch=-489", Yaw=-805", Roll=0deg	H. Ang=82deg	
Optical				Ha...Class=SN	S20E52	AR2438	Mac.=EKI Carr. Lon.=344deg	H. Ang=53deg	
GOES 15:21	15:24	15:28		Importance=C2	Qual=01		MaxkeV=54		
HXRBS 15:21:55	15:23:25	15:24:15		Peak...c/s=110	Qual=01	Tot Cts=5428	Rast=240"x240" Step=3" Pitch=-544", Yaw=-890"		
UVSP 14:52				Wavelength=1547A	Code=00	Exp #=2627			
Radio	Frequency (MHz)/Flux(sfu):	4995/15 8800/28							
Event # = 482									
80/05/09, 21:04	DOY=130	Peak	End times	SMM Pointing:	S22W43		Pitch=+320", Yaw=-605", Roll=0deg	H. Ang=46deg	
Optical				Ha...Class=1N	S30E31	AR2433	Mac.=BX0 Carr. Lon.=2deg	H. Ang=40deg	
GOES 20:05	21:04	22:50		Importance=C6	Qual=02		MaxkeV=54		
HXRBS 20:07:41	20:08:09	20:17:41		Peak...c/s=70	Qual=01	Exp #=2649	Rast=240"x240" Step=4" Pitch=+284", Yaw=-679"		
UVSP 21:14				Wavelength=1402A					
Event # = 483									
80/05/10, 02:09	DOY=131	Peak	End times	SMM Pointing:	S22W47		Pitch=+326", Yaw=-644", Roll=0deg	H. Ang=49deg	
Optical				Ha...Class=IF	N25W40	AR2423	Carr. Lon.=70deg	H. Ang=48deg	
GOES 01:59	02:09	02:16		Importance=C2	Qual=01		MaxkeV=54		
HXRBS 02:00:09	02:01:29	02:06:09		Peak...c/s=68	Qual=01	Exp #=2664	Rast=60"x60" Step=3" Pitch=+228", Yaw=-618"		
UVSP 02:05				Wavelength=1547A	Code=00				

Event # = 484									
80/05/10,05:19	DOY=131	Start	End times	SMM Pointing:	S03W00		Pitch=+0", Yaw=+0", Roll=55deg	H. Ang=0deg	
Optical	Peak			Ha...Class=SN	S15E38	AR2438	Mac.=EK1	Carr. Lon.=350deg	H. Ang=39deg
GOES	05:16	05:19	05:21	Importance=C1	Qual=01		MaxkeV=76		
HXRBS	05:18:00	05:18:50	05:19:20	Peak...c/s=106	Qual=01	Tot Cts=1319	Rast=120"x120"	Pitch=-52", Yaw=-46"	
UVSP	05:11			Wave length=1215A	Code=00	Exp #=2673	Step=3"		
Radio	Frequency(MHz)/Flux(sfu):			606/190					
Event # = 485									
80/05/10,05:26	DOY=131	Start	End times	SMM Pointing:	S03W00		Pitch=+0", Yaw=+0", Roll=60deg	H. Ang=0deg	
Optical	Peak			Ha...Class=SN	S15E38	AR2438	Mac.=EK1	Carr. Lon.=350deg	H. Ang=39deg
GOES	05:23	05:26	05:30	Importance=C1	Qual=01		MaxkeV=54		
HXRBS	05:26:25	05:26:50	05:27:45	Peak...c/s=135	Qual=01	Tot Cts=1483	Rast=120"x120"	Pitch=-52", Yaw=-46"	
UVSP	05:22			Wave length=1301A	Code=00	Exp #=2675	Step=3"		
Radio	Sweeps	Type/Intensity:		111/2					
Event # = 486									
80/05/10,15:07	DOY=131	Start	End times	SMM Pointing:	S03W00		Pitch=+2", Yaw=-1", Roll=0deg	H. Ang=0deg	
Optical	Peak			Ha...Class=SN	S15E31	AR2438	Mac.=EK1	Carr. Lon.=352deg	H. Ang=33deg
GOES	15:03	15:07	15:30	Importance=C2	Qual=01		MaxkeV=54		
HXRBS	15:05:10	15:05:58	15:06:14	Peak...c/s=55	Qual=01	Exp #=2705	Rast=240"x240"	Pitch=-545", Yaw=-872"	
UVSP	14:49			Wave length=1547A	Code=00		Step=3"		
Radio	Sweeps	Type/Intensity:		V/2					
Event # = 487									
80/05/10,17:57	DOY=131	Start	End times	SMM Pointing:	N70W70		Pitch=-489", Yaw=-814", Roll=-41deg	H. Ang=86deg	
Optical	Peak			Ha...Class=SN	S14E30	AR2438	Mac.=EK1	Carr. Lon.=351deg	H. Ang=32deg
GOES	17:54	17:57	18:02	Importance=C4	Qual=04		MaxkeV=254		
HXRBS	17:57:12	17:57:13	18:00:32	Peak...c/s=440	Qual=01	Tot Cts=7766	Rast=60"x240"	Pitch=-455", Yaw=-872"	
UVSP	17:54			Wave length=1215A	Code=00	Exp #=2710	Step=3"		
Radio	Sweeps	Type/Intensity:		V/3					
Radio	Frequency(MHz)/Flux(sfu):			245/600 410/1300 606/800 1415/15					
Event # = 488									
80/05/10,19:54	DOY=131	Start	End times	SMM Pointing:	S21W56		Pitch=+740", Yaw=-314", Roll=-44deg	H. Ang=58deg	
Optical	Peak			Ha...Class=SB	S12E31	AR2438	Mac.=EK1	Carr. Lon.=349deg	H. Ang=32deg
GOES	19:49	19:54	20:02	Importance=C5	Qual=01		MaxkeV=254		
HXRBS	19:51:28	19:52:08	19:55:18	Peak...c/s=1750	Qual=01	Tot Cts=96102	Rast=240"x240"	Pitch=+698", Yaw=-362"	
UVSP	19:53			Wave length=1547A	Code=00	Exp #=2723	Step=3"		
Radio	Frequency(MHz)/Flux(sfu):			245/32 410/180 606/160 1415/21 2695/61 4995/110 8800/290 15400/130					
Event # = 489									
80/05/10,20:15	DOY=131	Start	End times	SMM Pointing:	S55W34		Pitch=+751", Yaw=-311", Roll=0deg	H. Ang=59deg	
Optical	Peak			Ha...Class=1N	S25W57	AR2418	Mac.=EHO	Carr. Lon.=77deg	H. Ang=59deg
GOES	20:04	20:15	20:16	Importance=C3	Qual=01		MaxkeV=54		
HXRBS	20:04:20	20:04:50	20:05:20	Peak...c/s=100	Qual=01	Tot Cts=1790	Rast=240"x240"	Pitch=+708", Yaw=-360"	
UVSP	20:15			Wave length=1547A	Code=02	Exp #=2725	Step=3"		
HXRBS	20:15:00	20:15:05	20:16:00	Peak...c/s=98	Associated	Event # = 490	MaxkeV=54		

Event # = 491									
80/05/10, 20:22		Start		DOY=131		Peak		SMM Pointing:	
Optical		End times		S44W39		Pitch=+637" , Yaw=-428" , Roll=0deg		H. Ang=54deg	
GOES		20:16 20:22		S15E28		Mac.=EKI		H. Ang=30deg	
HXRBS		20:21:10 20:21:20 20:24:10		Qual=03		Carr. Lon.=352deg			
UVSP		20:15		Qual=01		MaxkeV=254			
Radio		Sweeps		Code=00		Rast=240"x240"		Pitch=+708" , Yaw=-360"	
Frequency (MHz)/Flux(sfu):		Type/Intensity:		V/3		Step=3"			
245/490 410/160 606/870 1415/21									
80/05/12 DOY=133									
Event # = 495									
80/05/12, 05:57		Start		DOY=133		Peak		SMM Pointing:	
Optical		End times		S03W00		Pitch=+0" , Yaw=+0" , Roll=0deg		H. Ang=0deg	
GOES		05:55 05:57		S13E09		Mac.=EAI		H. Ang=13deg	
HXRBS		05:55:40 05:57:50 05:59:20		Qual=01		Carr. Lon.=353deg			
Radio		Frequency (MHz)/Flux(sfu):		Qual=01		MaxkeV=123			
245/820 410/32									
80/05/12, 10:19									
Event # = 492									
80/05/12, 10:19		Start		DOY=133		Peak		SMM Pointing:	
Optical		End times		S03W00		Pitch=-1" , Yaw=-5" , Roll=0deg		H. Ang=0deg	
GOES		10:13 10:19		S27W06		Mac.=BX0		H. Ang=25deg	
HXRBS		10:13:40 10:14:36 10:15:50		Qual=01		Carr. Lon.=5deg			
Radio		Frequency (MHz)/Flux(sfu):		Qual=01		Flags=EW			
1415/13 2695/47 8800/19									
80/05/12, 13:41									
Event # = 493									
80/05/12, 13:41		Start		DOY=133		Peak		SMM Pointing:	
Optical		End times		S03W00		Pitch=-1" , Yaw=+5" , Roll=0deg		H. Ang=0deg	
GOES		13:39 13:41		S23W81		Mac.=HSX		H. Ang=81deg	
HXRBS		13:39:45 13:40:18 13:40:45		Qual=01		Carr. Lon.=78deg			
UVSP		14:37		Qual=01		Flags=EW			
						Step=0"		Pitch=-53" , Yaw=-46"	
80/05/12, 16:30									
Event # = 494									
80/05/12, 16:30		Start		DOY=133		Peak		SMM Pointing:	
Optical		End times		S03W00		Pitch=-1" , Yaw=-5" , Roll=0deg		H. Ang=0deg	
GOES		16:26 16:30		S13E08		Mac.=EAI		H. Ang=13deg	
HXRBS		16:28:48 16:29:17 16:30:08		Qual=01		Carr. Lon.=348deg			
BCS		16:29 16:30		Qual=01		MaxkeV=54			
FCS		16:29 16:30		Qual=1		FePeak.c/s=13		XEN=13300	
UVSP		16:19		Code=00		Rast=180"x180"		Cad= 147s	
						Step=15"		1.024s/pixel	
						Step=3"		Pitch=-53" , Yaw=-46"	
80/05/12, 23:31									
Event # = 10540									
80/05/12, 23:31		Start		DOY=133		Peak		SMM Pointing:	
HXRBS		23:31:43 23:32:09		Qual=01		Pitch=+340" , Yaw=-889" , Roll=0deg		H. Ang=0deg	
UVSP		22:59				Flags=NS		H. Ang=13deg	
						Step=3"		Pitch=-886"	

80/05/13			DOY=134		
Event # = 496					
80/05/13,02:11	DOY=134				
Start	Peak	SMM Pointing:			
Optical		Ha...Class=SF	S07E62		Pitch=+339",Yaw=-893",Roll=0deg
GOES 02:08	02:11	Importance=C1	Qual=01		Mac.=DAO Carr.Lon.=288deg H.Ang=62deg
HXRBS 02:10:50	02:11:15	Peak...c/s=60	Qual=01		
UVSP 01:48	02:11:50	Wavelength=2792A	Code=00	Exp #=2755	Rast=240"x240" Step=3" Pitch=+294",Yaw=-955"
80/05/14			DOY=135		
Event # = 501					
80/05/14,08:56	DOY=135				
Start	Peak	SMM Pointing:			
GOES 08:50	09:05	Importance=C2	Qual=01		Pitch=+0",Yaw=-6",Roll=0deg H.Ang=0deg
HXRBS 08:53:00	08:53:20	Peak...c/s=90	Qual=01		
UVSP 08:53	08:53:50	Wavelength=1547A	Code=00	Exp #=2896	MaxkeV=54
					Rast=60"x60" Step=3" Pitch=-49",Yaw=-56"
Event # = 498					
80/05/14,10:10	DOY=135				
Start	Peak	SMM Pointing:			
GOES 10:03	10:10	Importance=C1	Qual=01		Pitch=+1",Yaw=+5",Roll=0deg H.Ang=0deg
HXRBS 10:09:19	10:09:39	Peak...c/s=65	Qual=01		
UVSP 10:07	10:11:24	Wavelength=1547A	Code=00	Exp #=2902	MaxkeV=54
					Rast=60"x60" Step=3" Pitch=-40",Yaw=-50"
					MaxkeV=54
					Rast=240"x240" Step=3" Pitch=-53",Yaw=-46"
HXRBS 10:05:42	10:06:00	Peak...c/s=60	Qual=01	Exp #=2900	
UVSP 09:56	10:06:32	Wavelength=1533A			
Event # = 499					
80/05/14,12:58	DOY=135				
Start	Peak	SMM Pointing:			
Optical		Ha...Class=1B	S03W00		Pitch=+0",Yaw=+6",Roll=0deg H.Ang=0deg
GOES 12:54	12:58	Importance=M2	S12E80		Mac.=ESI Carr.Lon.=251deg H.Ang=80deg
HXRBS 12:56:34	12:57:25	Peak...c/s=1500	Qual=01		
UVSP 12:59	13:12:34	Wavelength=2792A	Code=02	Tot Cts=1.18E+5	MaxkeV=379
Radio Sweeps		II/2		Exp #=2920	Rast=15"x15"
Radio Frequency(MHz)/Flux(sfu):		245/94 1415/12 2695/140 8800/160 15400/58			Step=3" Pitch=-58",Yaw=-17"
Event # = 500					
80/05/14,13:32	DOY=135				
Start	Peak	SMM Pointing:			
GOES 13:30	13:32	Importance=C1	Qual=01		Pitch=+0",Yaw=+6",Roll=0deg H.Ang=0deg
HXRBS 13:32:00	13:32:20	Peak...c/s=65	Qual=01		
UVSP 13:28	13:33:00	Wavelength=2801A	Code=00	Exp #=2922	MaxkeV=54
					Rast=3"x3" Step=0" Pitch=+65",Yaw=-164"
Event # = 4268					
80/05/14,14:38	DOY=135				
Start	Peak	SMM Pointing:			
GOES 14:37:50	14:38:05	Peak...c/s=64	Qual=01		Pitch=+0",Yaw=-5",Roll=0deg H.Ang=0deg
HXRBS 14:33	14:38:20	Wavelength=1199A	Qual=00		
UVSP				Exp #=2924	MaxkeV=123
					Rast=180"x1" Step=0" Pitch=-53",Yaw=-2"

Event # = 4269									
80/05/14, 15:20	DOY=135								
Start	Peak								
Optical		SMM Pointing:	S03W00					Pitch=+0", Yaw=-5", Roll=0deg	H. Ang=0deg
GOES 15:07	15:20	Ha...Class=SM	S13W22					Mac.=EAI	Carr. Lon.=352deg
HXRBS 15:17:35	15:20:19	Importance=C1	Qual=01					MaxkeV=54	Flags=I
UVSP 14:33		Peak...c/s=78	Qual=01					Rast=180"x1"	Step=0"
Radio	Frequency(MHz)/Flux(sfu):	WaveLength=1199A	Code=01						Pitch=-53", Yaw=-2"
		410/19	606/36	1415/38					
Event # = 502									
80/05/14, 19:25	DOY=135								
Start	Peak								
Optical		SMM Pointing:	S03W00					Pitch=-1", Yaw=+4", Roll=0deg	H. Ang=0deg
GOES 19:15	19:25	Ha...Class=2M	S18W21					Mac.=EAI	Carr. Lon.=349deg
HXRBS 19:20:00	19:21:40	Importance=M1	Qual=04					MaxkeV=123	H. Ang=26deg
UVSP 19:19		Peak...c/s=720	Qual=01					Rast=180"x1"	Step=0"
Radio	Type/Intensity:	WaveLength=1232A	Code=00						Pitch=-53", Yaw=-2"
		11/3 V/3							
	Frequency(MHz)/Flux(sfu):	410/1400	606/1100	1415/86	2695/51	4995/110	8800/130	15400/110	
80/05/15 DOY=136									
Event # = 6752									
80/05/15, 01:04	DOY=136								
Start	Peak								
Optical		SMM Pointing:	S03W00					Pitch=+0", Yaw=+0", Roll=0deg	H. Ang=0deg
GOES 01:01	01:04	Ha...Class=1M	S14W27					Carr. Lon.=352deg	H. Ang=29deg
HXRBS 01:02:05	01:02:56	Importance=C3	Qual=01					MaxkeV=147	Flags=ND
UVSP 01:44		Peak...c/s=2235	Qual=01					Rast=180"x1"	Step=0"
Radio	Type/Intensity:	WaveLength=1276A							Pitch=-54", Yaw=-2"
		11/2 V/3							
	Frequency(MHz)/Flux(sfu):	245/1100	410/250	606/530	1415/210	2695/68	4995/110	8800/130	15400/34
Event # = 503									
80/05/15, 20:01	DOY=136								
Start	Peak								
Optical		SMM Pointing:	S13E85					Pitch=+213", Yaw=+922", Roll=0deg	H. Ang=85deg
GOES 19:36	20:01	Ha...Class=SF	S07E25					Mac.=DS0	Carr. Lon.=289deg
HXRBS 19:56:57	20:00:57	Importance=C2	Qual=01					MaxkeV=54	H. Ang=25deg
UVSP 20:57		Peak...c/s=87	Qual=01					Rast=3"x3"	Step=0"
Radio	WaveLength=1198A								Pitch=+165", Yaw=+861"
Event # = 20181									
80/05/15, 20:45	DOY=136								
Start	Peak								
Optical		SMM Pointing:	S13E85					Pitch=+213", Yaw=+922", Roll=0deg	H. Ang=85deg
GOES 20:16	20:45	Ha...Class=1B	S12E65					Mac.=EKI	Carr. Lon.=249deg
BCS 20:54	20:55	Importance=M2	Qual=05					FePeak.c/s=76	H. Ang=65deg
FCS 20:56		CaPeak.c/s=482	Qual=5					Rast=240"x240"	XEN=13600
HXIS 20:57		Peak3...c/s=1294						Step=15"	Cad=262s
UVSP 20:57		Peak...c/s=768							1.024s/pixel
Radio	WaveLength=1198A							Rast=3"x3"	
	Frequency(MHz)/Flux(sfu):	245/280	410/41	606/190	1415/53	2695/54		Step=0"	Pitch=+165", Yaw=+861"
Event # = 504									
80/05/15, 21:39	DOY=136								
Start	Peak								
Optical		SMM Pointing:	S13E83					Pitch=+213", Yaw=+919", Roll=0deg	H. Ang=83deg
GOES 21:39:20	21:39:58	Peak...c/s=104	Qual=01					MaxkeV=54	
HXRBS 20:57		WaveLength=1198A						Rast=3"x3"	
UVSP 20:57									Step=0"
									Pitch=+165", Yaw=+861"

Event # = 508									
80/05/16, 22:33	DOY=137	Start	End times	SMM Pointing:	S14E75	Pitch=+221", Yaw=+891", Roll=0deg	H. Ang=75deg		
Optical	22:04	22:33	22:41	Ha...Class=18	S11E43	Mac.=EK1	Carr. Lon.=257deg	H. Ang=44deg	
GOES	22:30:20	22:30:43	22:35:40	Importance=M2	Qual=05	AR2456			
HXRBS	22:29	22:33	23:11	Peak...c/s=164	Qual=01	Tot Cts=15466			
BCS	22:29	22:33	23:11	CaPeak.c/s=167	Qual=1	FePeak=22:33			
FCS	22:29	22:29		Peak3...c/s=51					
UVSP	22:31			Wavelength=1216A	Code=00	Exp #=2964			
Radio Sweeps				II/3					
Radio Frequency (MHz)/Flux(sfu):				245/28 2695/43 4995/55 8800/43 15400/27					
Event # = 509									
80/05/16, 22:44	DOY=137	Start	End times	SMM Pointing:	S14E75	Pitch=+221", Yaw=+891", Roll=0deg	H. Ang=75deg		
Optical	22:41	22:44	22:48	Ha...Class=SN	N17E34	Mac.=DSI	Carr. Lon.=266deg	H. Ang=39deg	
GOES	22:43:20	22:44:04	22:47:40	Importance=M1	Qual=01	AR2455			
HXRBS	22:40	22:44	22:47	Peak...c/s=123	Qual=01	Tot Cts=1442			
UVSP	22:40	22:44	22:47	Wavelength=1235A	Code=00	Exp #=2965			
Radio Sweeps				II/2 III/1 V/1					
Event # = 510									
80/05/16, 22:50	DOY=137	Start	End times	SMM Pointing:	S14E75	Pitch=+221", Yaw=+891", Roll=0deg	H. Ang=75deg		
Optical	22:48	22:50	23:05	Importance=M1	Qual=01	MaxkeV=124			
GOES	22:50:00	22:50:42	22:54:00	Peak...c/s=108	Qual=01	Tot Cts=2777			
HXRBS	22:49	22:50		Peak...c/s=198					
HXIS	22:49			Wavelength=1237A	Code=00	Exp #=2967			
UVSP	22:49								
Event # = 20747									
80/05/16, 23:18	DOY=137	Start	End times	SMM Pointing:	S14E77	Pitch=+220", Yaw=+897", Roll=0deg	H. Ang=76deg		
Optical	23:15	23:18	23:54	Ha...Class=SN	N16E31	Mac.=CR0	Carr. Lon.=268deg	H. Ang=36deg	
GOES	23:19	23:19	23:19	Importance=C4	Qual=01	AR2455			
BCS	23:19	23:19		CaPeak.c/s=18	Qual=1	FePeak=23:19			
FCS	23:19	23:19		Peak3...c/s=12					
UVSP	22:49			Wavelength=1237A	Code=00	Exp #=2967			
Event # = 511									
80/05/17, 01:45	DOY=138	Start	End times	SMM Pointing:	S14E76	Pitch=+223", Yaw=+895", Roll=0deg	H. Ang=76deg		
Optical	01:42	01:45	01:48	Ha...Class=SN	S14E47	Mac.=FK1	Carr. Lon.=251deg	H. Ang=48deg	
GOES	01:44:00	01:44:32	01:45:20	Importance=C3	Qual=01	AR2456			
HXRBS	01:45	01:45	01:46	Peak...c/s=250	Qual=01	Tot Cts=2384			
BCS	01:45	01:45		CaPeak.c/s=22	Qual=5	FePeak=01:45			
FCS	01:45	01:45		Peak3...c/s=11					
UVSP	01:43			Wavelength=1216A	Code=00	Exp #=2972			
Radio Frequency (MHz)/Flux(sfu):				4995/8 8800/22					

Event # = 512									
80/05/17, 02:14	DOY=138	End times	SMM Pointing:	S14E76		Pitch=+223", Yaw=+895", Roll=0deg	H. Ang=76deg		
Optical	Peak		Ha...Class=IN	N16E32		Mac.=EHC	Carr. Lon.=266deg	H. Ang=37deg	
GOES 02:02	02:14	02:29	Importance=C6	Qual=01	AR2455	MaxkeV=54			
HRBS 02:02:25	02:02:45	02:10:25	Peak...c/s=108	Qual=01	Tot Cts=7807	Rast=120"x120"	Step=3"	Pitch=+218", Yaw=+903"	
UVSP 02:01			Wavelength=1237A	Code=00	Exp #=2975				
			Associated	Event # = 513					
HRBS 02:21:04	02:21:54	02:22:44	Peak...c/s=80	Qual=01		MaxkeV=54			
Event # = 514									
80/05/17, 05:56	DOY=138	End times	SMM Pointing:	S14E75		Pitch=+220", Yaw=+892", Roll=0deg	H. Ang=75deg		
Optical	Peak		Ha...Class=2N	S15W52	AR2438	Mac.=DA0	Carr. Lon.=348deg	H. Ang=53deg	
GOES 05:39	05:56	06:07	Importance=C7	Qual=02		MaxkeV=54			
HRBS 05:40:19	05:40:57	05:41:29	Peak...c/s=87	Qual=01	Exp #=2984	Rast=240"x240"	Step=3"	Pitch=+163", Yaw=+825"	
UVSP 06:34			Wavelength=1216A						
Radio Sweeps	Type/Intensity:		III/1						
Event # = 515									
80/05/17, 06:41	DOY=138	End times	SMM Pointing:	S14E77		Pitch=+224", Yaw=+898", Roll=0deg	H. Ang=77deg		
Optical	Peak		Ha...Class=SN	S14E47	AR2456	Mac.=FKI	Carr. Lon.=248deg	H. Ang=48deg	
GOES 06:33	06:41	06:52	Importance=C5	Qual=05		MaxkeV=54	Flags=SA		
HRBS 06:35:51	06:37:07	06:38:56	Peak...c/s=96	Qual=02		FePeak.c/s=24	#Peaks=1	XEN=13801	
BCS 06:36	06:40	06:52	CaPeak.c/s=76	Qual=4	FePeak=06:38	Rast=240"x240"	Step=15"	Cad= 262s	1.024s/pixel
FCS	06:42		Peak3...c/s=20						
HXIS	06:39		Peak...c/s=120		Exp #=2984	Rast=240"x240"	Step=3"	Pitch=+163", Yaw=+825"	
UVSP 06:34			Wavelength=1216A	Code=00					
Event # = 20083									
80/05/17, 07:06	DOY=138	End times	SMM Pointing:	S14E77		Pitch=+224", Yaw=+898", Roll=0deg	H. Ang=77deg		
Optical	Peak		Importance=C3	Qual=01		FePeak.c/s=7	#Peaks=1	dt=11.3s	XEN=13802
GOES 07:04	07:06	07:08	CaPeak.c/s=23	Qual=1	FePeak=07:10	Rast=240"x240"	Step=15"	Cad= 262s	1.024s/pixel
BCS 07:05	07:11	07:13	Peak3...c/s=14		Exp #=2987	Rast=120"x120"	Step=3"	Pitch=+241", Yaw=+903"	
FCS	07:10		Wavelength=1237A	Code=00					
UVSP 06:55									
Event # = 516									
80/05/17, 10:17	DOY=138	End times	SMM Pointing:	S14E78		Pitch=+221", Yaw=+903", Roll=0deg	H. Ang=78deg		
Optical	Peak		Ha...Class=SB	N17E29	AR2455	Mac.=EHC	Carr. Lon.=264deg	H. Ang=35deg	
GOES 10:09	10:17	10:28	Importance=M1	Qual=01		MaxkeV=124			
HRBS 10:09:20	10:12:45	10:17:40	Peak...c/s=107	Qual=01	Tot Cts=10607	Rast=120"x120"	Step=3"	Pitch=+206", Yaw=+903"	
UVSP 10:02			Wavelength=1237A	Code=00	Exp #=2995				
Event # = 517									
80/05/17, 13:27	DOY=138	End times	SMM Pointing:	S14E75		Pitch=+220", Yaw=+892", Roll=0deg	H. Ang=75deg		
Optical	Peak		Ha...Class=SN	N16E25	AR2455	Mac.=EHC	Carr. Lon.=266deg	H. Ang=31deg	
GOES 13:22	13:27	13:40	Importance=C1	Qual=01		MaxkeV=124			
HRBS 13:22:55	13:23:17	13:23:30	Peak...c/s=250	Qual=01	Tot Cts=1507	Rast=240"x240"	Step=3"	Pitch=+163", Yaw=+825"	
UVSP 13:14			Wavelength=1349A	Code=00	Exp #=3003				

Event # = 518		80/05/18		DOY=139	
80/05/18,03:50	DOY=139	S12E34		Pitch=+174",Yaw=+516",Roll=0deg	
Start	Peak	S12E34		H.Ang=35deg	
GOES 03:45	03:50	Importance=C1		MaxkeV=54	
HRBS 03:49:20	03:50:00	Qual=01		Rast=240"x240"	
UVSP 03:39	03:52:00	Peak...c/s=87		Step=3"	
Radio	Frequency(MHz)/Flux(sfu):	Wave length=1548A		Pitch=+127",Yaw=+466"	
		8800/6		Exp #=3036	
Event # = 20184		80/05/18,06:40		DOY=139	
80/05/18,06:40	DOY=139	S12E31		Pitch=+171",Yaw=+484",Roll=0deg	
Start	Peak	S12E31		H.Ang=33deg	
GOES 06:32	06:40	Importance=C2		FePeak.c/s=10	
BCS 06:34	06:38	CaPeak.c/s=34		#Peaks=1	
FCS 06:41	06:41	Peak3...c/s=125		dt=11.3s	
HXIS 06:31	06:40	Peak...c/s=80		Cad= 262s	
UVSP		Wave length=1349A		Step=15"	
		Code=00		XEN=13900	
		Exp #=3043		Rast=240"x240"	
				Pitch=+127",Yaw=+442"	
Event # = 4270		80/05/18,08:33		DOY=139	
80/05/18,08:33	DOY=139	S12E30		Pitch=+168",Yaw=+462",Roll=0deg	
Start	Peak	S12E30		H.Ang=31deg	
Optical		Ha...Class=SB		Mac.=EKI	
GOES 08:17	08:33	Importance=C4		Carr.Lon.=250deg	
HRBS 08:17:50	08:19:40	Qual=01		H.Ang=31deg	
HXIS 08:27	08:27	Peak...c/s=122		Flags=M,I	
UVSP 08:24	08:24	Peak...c/s=240		MaxkeV=124	
		Wave length=1350A		Rast=240"x240"	
		Code=00		Step=3"	
		Exp #=3047		Pitch=+127",Yaw=+418"	
Event # = 519		80/05/18,12:57		DOY=139	
80/05/18,12:57	DOY=139	S12E28		Pitch=+168",Yaw=+431",Roll=0deg	
Start	Peak	S12E28		H.Ang=29deg	
Optical		Ha...Class=SN		Mac.=DS0	
GOES 12:53	12:57	Importance=C3		Carr.Lon.=201deg	
HRBS 12:54:08	12:54:45	Qual=01		H.Ang=77deg	
UVSP 12:52	12:55:38	Peak...c/s=115		MaxkeV=54	
		Wave length=1216A		Rast=240"x240"	
		Code=00		Step=3"	
		Exp #=3057		Pitch=+127",Yaw=+393"	
Event # = 520		80/05/18,13:54		DOY=139	
80/05/18,13:54	DOY=139	S12E28		Pitch=+168",Yaw=+431",Roll=0deg	
Start	Peak	S12E28		H.Ang=29deg	
Optical		Ha...Class=SF		Mac.=DS0	
GOES 13:45	13:54	Importance=C2		Carr.Lon.=200deg	
HRBS 13:42:20	13:44:48	Qual=01		H.Ang=78deg	
UVSP 14:29	13:46:30	Peak...c/s=87		MaxkeV=54	
		Wave length=1216A		Rast=240"x240"	
		Code=00		Step=3"	
		Exp #=3061		Pitch=+127",Yaw=+393"	
Event # = 521		80/05/19,05:40		DOY=140	
80/05/19,05:40	DOY=140	S13E20		Pitch=+182",Yaw=+310",Roll=0deg	
Start	Peak	S13E20		H.Ang=22deg	
Optical		Ha...Class=IN		Mac.=DKI	
GOES 05:30	05:40	Importance=C5		Carr.Lon.=291deg	
HRBS 05:38:40	05:39:18	Qual=01		H.Ang=22deg	
UVSP 05:00	05:40:55	Peak...c/s=420		MaxkeV=124	
Radio	Type/Intensity:	Wave length=1547A		Rast=8"x8"	
Radio	Frequency(MHz)/Flux(sfu):	III/1		Step=4"	
		245/100 410/900 606/36 1415/25 4995/3		Pitch=+131",Yaw=+323"	

Event # = 529									
80/05/20, 11:23		DOY=141	SMM Pointing:		S13E01	Pitch=+181", Yaw=+14", Roll=0deg			
GOES 11:17		11:23	End times		Qual=01	H.Ang=11deg			
HXRBS 11:17:50		11:20:00	Importance=C3		Qual=01				
UVSP 11:21			Peak...c/s=76		Qual=01				
			Wavelength=1548A		Code=00	MaxkeV=54			
					Exp #=3206	Rast=240"x240" Step=3" Pitch=+140", Yaw=-20"			
Event # = 530									
80/05/20, 12:09		DOY=141	SMM Pointing:		S13E01	Pitch=+181", Yaw=+14", Roll=0deg			
GOES 12:04		12:09	End times		Qual=03	H.Ang=11deg			
HXRBS 12:05:40		12:07:39	Importance=C1		Qual=01				
UVSP 11:37			Peak...c/s=71		Qual=01				
			Wavelength=1548A		Code=00	MaxkeV=54			
					Exp #=3208	Rast=240"x240" Step=3" Pitch=+140", Yaw=-20"			
Event # = 531									
80/05/20, 14:35		DOY=141	SMM Pointing:		S13W02	Pitch=+181", Yaw=-31", Roll=0deg			
Optical 13:39		14:35	End times		S16E90	H.Ang=11deg			
GOES 14:23:25		14:26:20	Code=LPS		Qual=04	Mac.=EKO Carr.Lon.=161deg			
HXRBS 14:30			Importance=M1		Qual=02	H.Ang=89deg			
UVSP 14:30			Peak...c/s=65		Qual=02	MaxkeV=54			
Radio Frequency (MHz)/Flux(sfu):		410/33 606/13 1415/62	Wavelength=3099A		Code=00	Rast=180"x180" Step=3" Pitch=+169", Yaw=-39"			
					Exp #=3214				
Event # = 532									
80/05/20, 19:41		DOY=141	SMM Pointing:		S13W04	Pitch=+183", Yaw=-66", Roll=0deg			
GOES 19:33		19:41	End times		Qual=01	H.Ang=12deg			
HXRBS 19:39:20		19:39:56	Importance=C1		Qual=01				
UVSP 19:36			Peak...c/s=198		Qual=01	MaxkeV=124			
			Wavelength=1548A		Code=00	Rast=240"x240" Step=3" Pitch=+141", Yaw=-97"			
					Tot Cts=1351				
					Exp #=3228				
Event # = 533									
80/05/20, 23:08		DOY=141	SMM Pointing:		S13W06	Pitch=+182", Yaw=-91", Roll=0deg			
GOES 23:02		23:08	End times		Qual=01	H.Ang=12deg			
HXRBS 23:04:25		23:04:52	Importance=C2		Qual=01				
UVSP 22:48			Peak...c/s=91		Qual=01	MaxkeV=54			
			Wavelength=1548A		Code=00	Rast=240"x240" Step=3" Pitch=+141", Yaw=-125"			
					Exp #=3236				
Event # = 534									
80/05/21, 03:28		DOY=142	SMM Pointing:		S13W09	Pitch=+184", Yaw=-147", Roll=0deg			
GOES 03:23		03:28	End times		Qual=01	H.Ang=14deg			
HXRBS 03:24:40		03:25:41	Importance=C2		Qual=01				
UVSP 03:22			Peak...c/s=82		Qual=01	MaxkeV=54			
			Wavelength=1403A		Code=00	Rast=240"x240" Step=4" Pitch=+143", Yaw=-181"			
					Exp #=3247				
Event # = 535									
80/05/21, 05:22		DOY=142	SMM Pointing:		S13W10	Pitch=+184", Yaw=-153", Roll=0deg			
GOES 05:17		05:22	End times		Qual=01	H.Ang=15deg			
HXRBS 05:19:42		05:20:28	Importance=C1		Qual=01				
UVSP 05:03			Peak...c/s=70		Qual=01	MaxkeV=54			
			Wavelength=1403A		Code=00	Rast=120"x120" Step=4" Pitch=+149", Yaw=-120"			
					Exp #=3251				

Event # = 546									
80/05/23,14:46		DOY=144	SMM Pointing:		S02W00	Pitch=+2", Yaw=+2", Roll=0deg		H. Ang=0deg	
Optical		Start	End times	Ha....Class=SN	S21E37	Carr. Lon.=174deg		H. Ang=41deg	
GOES		14:40	14:46	Importance=C4	Qual=01				
HXRBS		14:40:40	14:41:15	Peak...c/s=345	Qual=01				
Radio		Frequency(MHz)/Flux(sfu):		2695/4 4995/10	8800/72 15400/37	MaxkeV=124			
					Associated Event # = 547				
HXRBS		14:44:45	14:44:52	Peak...c/s=75	Qual=01	MaxkeV=54			
					Associated Event # = 548				
HXRBS		14:45:40	14:45:50	Peak...c/s=160	Qual=01	MaxkeV=54			
					Associated Event # = 549				
HXRBS		14:50:18	14:50:47	Peak...c/s=61	Qual=01	MaxkeV=54			

Event # = 551									
80/05/23,23:01		DOY=144	SMM Pointing:		S14E28	Pitch=+208", Yaw=+433", Roll=0deg		H. Ang=30deg	
Optical		Start	End times	Ha....Class=SF	S20E33	Mac.=EKI		H. Ang=37deg	
GOES		22:59	23:01	Importance=C2	Qual=01				
HXRBS		23:02:40	23:02:45	Peak...c/s=6380	Qual=01	MaxkeV=381		Flags=AX	
Radio		Frequency(MHz)/Flux(sfu):		4995/17 8800/39	Associated Event # = 550				
					Qual=01	Tot Cts=2680			
HXRBS		22:58:47	22:59:10	Peak...c/s=204		MaxkeV=54			

80/05/24 DOY=145									

80/05/24,00:20		DOY=145	SMM Pointing:		S14E28	Pitch=+208", Yaw=+429", Roll=0deg		H. Ang=30deg	
Optical		Start	End times	Ha....Class=SN	S23E33	Mac.=CKI		H. Ang=39deg	
GOES		00:16	00:20	Importance=C2	Qual=01				
HXRBS		00:18:12	00:18:30	Peak...c/s=147	Qual=01	MaxkeV=54			

Event # = 553									
80/05/24,00:51		DOY=145	SMM Pointing:		S14E28	Pitch=+208", Yaw=+429", Roll=0deg		H. Ang=30deg	
Optical		Start	End times	Ha....Class=1N	N17W08	Mac.=EAI		H. Ang=20deg	
GOES		00:46	00:51	Importance=C5	Qual=03				
HXRBS		00:47:30	00:50:30	Peak...c/s=185	Qual=03	MaxkeV=54		Flags=ES	
Radio		Frequency(MHz)/Flux(sfu):		1415/39 2695/12	Tot Cts=9339				

Event # = 20192									
80/05/24,01:50		DOY=145	SMM Pointing:		S14E28	Pitch=+209", Yaw=+432", Roll=0deg		H. Ang=30deg	
GOES		01:46	01:50	Importance=C3	Qual=01				
BCS		01:36	01:44	CaPeak.c/s=8					

Event # = 555									
80/05/24,06:58		DOY=145	SMM Pointing:		S14E28	Pitch=+210", Yaw=+434", Roll=0deg		H. Ang=31deg	
Optical		Start	End times	Ha....Class=1N	S15W58	Carr. Lon.=260deg		H. Ang=59deg	
GOES		06:21	06:58	Importance=C5	Qual=03				
HXRBS		06:52:50	06:53:40	Peak...c/s=149	Qual=01	MaxkeV=54			
					Tot Cts=3536				
					Event # = 554				
HXRBS		06:22:40	06:24:50	Peak...c/s=102	Qual=02	MaxkeV=54		Flags=SN	

Event # = 20201									
80/05/25,03:06	Start	DOY=146	End times	SMM Pointing:	S14E16	Pitch=+208", Yaw=+261", Roll=0deg	H. Ang=21deg		
	Peak	Peak							
GOES 03:01	03:12	03:06	03:12	Importance=C3	Qual=04	FePeak.c/s=11 #Peaks=1 dt= 3.0s	XEN=14600		
BCS 03:03	03:10	03:05	03:10	CaPeak.c/s=38	Qual=1	Rast=180"x180" Step=20" Cad=82.9s	XEN=14600		
FCS		03:07		Peak3...c/s=167					
Event # = 564									
80/05/25,03:31	Start	DOY=146	End times	SMM Pointing:	S14E16	Pitch=+208", Yaw=+261", Roll=0deg	H. Ang=21deg		
	Peak	Peak							
GOES 03:25	03:38	03:31	03:38	Importance=C2	Qual=01	MaxkeV=124	XEN=14602		
HXRBS 03:27:10	03:29:00	03:27:50	03:29:00	Peak...c/s=212	Qual=01	FePeak.c/s=10 #Peaks=1	XEN=14602		
BCS 03:28	03:31	03:29	03:31	CaPeak.c/s=31	Qual=1	Rast=180"x180" Step=10" Cad= 332s	XEN=14602		
FCS		03:28		Peak3...c/s=54					
Radio Sweeps									
Type/Intensity: V/2									
Frequency (MHz)/Flux(sfu): 245/460 4995/11 8800/56									
Event # = 20202									
80/05/25,05:58	Start	DOY=146	End times	SMM Pointing:	S14E15	Pitch=+208", Yaw=+238", Roll=0deg	H. Ang=19deg		
	Peak	Peak							
Optical				Ha...Class=SB	NO7W06	Carr. Lon.=196deg	H. Ang=10deg		
GOES 05:42	06:59	05:58	06:59	Importance=C4	Qual=05				
BCS 06:15	06:20	06:15	06:20	CaPeak.c/s=34	Qual=5	FePeak.c/s=8 #Peaks=1	XEN=14603		
FCS		06:15		Peak3...c/s=22		Rast=0"x0" Cad=3840s	XEN=14603		
Event # = 565									
80/05/25,12:42	Start	DOY=146	End times	SMM Pointing:	S14E12	Pitch=+209", Yaw=+188", Roll=0deg	H. Ang=17deg		
	Peak	Peak							
GOES 12:37	12:50	12:42	12:50	Importance=C3	Qual=01	MaxkeV=54			
HXRBS 12:38:50	12:39:20	12:39:20	12:39:50	Peak...c/s=70	Qual=01				
Event # = 566									
80/05/25,15:51	Start	DOY=146	End times	SMM Pointing:	S16E11	Pitch=+238", Yaw=+180", Roll=0deg	H. Ang=18deg		
	Peak	Peak							
Optical				Ha...Class=SN	S23E12	Mac.=DKI Carr. Lon.=172deg	H. Ang=25deg		
Optical				Ha...Class=SN	N16W30	Carr. Lon.=214deg	H. Ang=34deg		
GOES 15:50	15:55	15:51	15:55	Importance=C2	Qual=01	MaxkeV=54			
HXRBS 15:50:20	15:51:40	15:50:40	15:51:40	Peak...c/s=90	Qual=02	Flags=SN			
Event # = 568									
80/05/25,17:30	Start	DOY=146	End times	SMM Pointing:	S16E09	Pitch=+240", Yaw=+144", Roll=0deg	H. Ang=17deg		
	Peak	Peak							
Optical				Ha...Class=SN	S10E71	Mac.=ES0 Carr. Lon.=112deg	H. Ang=71deg		
GOES 17:25	17:40	17:30	17:40	Importance=C4	Qual=01				
HXRBS 17:29:30	17:30:05	17:29:35	17:30:05	Peak...c/s=66	Qual=01	MaxkeV=54			
Associated Event # = 567									

HXRBS 17:27:30	17:28:35	17:27:50	17:28:35	Peak...c/s=61	Qual=01	MaxkeV=54			
Event # = 569									
80/05/25,20:44	Start	DOY=146	End times	SMM Pointing:	S16E07	Pitch=+240", Yaw=+116", Roll=0deg	H. Ang=16deg		
	Peak	Peak							
GOES 20:38	21:00	20:44	21:00	Importance=C2	Qual=01	MaxkeV=124			
HXRBS 20:52:40	20:53:05	20:52:50	20:53:05	Peak...c/s=77	Qual=01				

Event # = 570		80/05/26		DOY=147	
80/05/26,00:05	DOY=147	Start	End times	SMM Pointing:	S16E06
Optical				Ha...Class=SF	
Optical				Ha...Class=SF	AR2469
Optical				Ha...Class=SF	AR2470
GOES	23:55	00:05	00:52	Importance=C3	AR2465
HXRBS	23:54:20	23:56:00	00:05:30	Peak...c/s=146	
BCS	23:59	00:05	00:29	CaPeak.c/s=47	
FCS		00:03		Peak3...c/s=46	
UVSP					
Radio	Frequency(MHz)/Flux(sfu):	410/38	606/14	1415/140	2695/46 4995/35 8800/33
Pitch=+240", Yaw=+88", Roll=0deg					
Mac.=EKI					
Carr. Lon.=179deg					
Carr. Lon.=173deg					
Carr. Lon.=219deg					
H. Ang=16deg					
H. Ang=13deg					
H. Ang=18deg					
H. Ang=42deg					
MaxkeV=124					
FePeak.c/s=9					
Rast=60"x60"					
#Peaks=1					
dt= 3.0s					
XEN=14606					
Cad=36.9s					
1.024s/pixel					
Pitch=+190", Yaw=+44"					
Event # = 20084					
80/05/26,11:54	DOY=147	Start	End times	SMM Pointing:	S16W01
GOES	11:50	11:54	12:07	Importance=C3	
BCS	11:52	11:53	11:56	CaPeak.c/s=21	
UVSP	11:20			Wavelength=1555A	
Qual=03					
Qual=1					
FePeak=11:53					
Exp #=3420					
Pitch=+241", Yaw=-10", Roll=0deg					
H. Ang=15deg					
FePeak.c/s=12					
#Peaks=1					
Step=3"					
Pitch=+200", Yaw=-62"					
XEN=14709					
Event # = 571					
80/05/26,13:08	DOY=147	Start	End times	SMM Pointing:	S16W01
Optical				Ha...Class=SB	
GOES	13:06	13:08	13:30	Importance=C5	
HXRBS	13:04:06	13:05:38	13:06:56	Peak...c/s=80	
UVSP	12:57			Wavelength=1555A	
Qual=01					
Code=00					
Exp #=3424					
Pitch=+239", Yaw=-14", Roll=0deg					
H. Ang=15deg					
Mac.=EHI					
Carr. Lon.=114deg					
H. Ang=59deg					
MaxkeV=54					
Rast=247"x247"					
Step=3"					
Pitch=+200", Yaw=-62"					
Event # = 572					
80/05/26,14:30	DOY=147	Start	End times	SMM Pointing:	S16W03
GOES	14:22	14:30	14:39	Importance=C6	
HXRBS	14:24:13	14:25:39	14:28:53	Peak...c/s=118	
Qual=01					
Qual=01					
Tot Cts=1280					
MaxkeV=54					
Pitch=+241", Yaw=-50", Roll=0deg					
H. Ang=15deg					
Event # = 573					
80/05/26,16:15	DOY=147	Start	End times	SMM Pointing:	S16W03
GOES	16:12	16:15	16:22	Importance=C1	
HXRBS	16:13:44	16:14:58	16:15:59	Peak...c/s=77	
Qual=01					
MaxkeV=54					
Pitch=+241", Yaw=-50", Roll=0deg					
H. Ang=15deg					
Event # = 574					
80/05/26,17:34	DOY=147	Start	End times	SMM Pointing:	S16W04
Optical				Ha...Class=SB	
Optical				Ha...Class=SN	
Optical				Ha...Class=SF	
Optical				Ha...Class=SF	
GOES	17:26	17:34	17:48	Importance=C3	
HXRBS	17:27:47	17:28:08	17:30:07	Peak...c/s=260	
BCS	17:28	17:30	17:38	CaPeak.c/s=65	
FCS	17:33	17:33	17:33	Peak3...c/s=31	
HXIS	17:22			Peak...c/s=109	
UVSP	17:33			Wavelength=1555A	
Code=00					
Exp #=3427					
Rast=247"x247"					
Step=3"					
Pitch=+200", Yaw=-128"					
MaxkeV=124					
FePeak.c/s=24					
Rast=60"x60"					
#Peaks=1					
dt= 3.0s					
XEN=14707					
Cad=36.9s					
1.024s/pixel					
H. Ang=22deg					
H. Ang=13deg					
Carr. Lon.=174deg					
Carr. Lon.=110deg					
Carr. Lon.=151deg					
Carr. Lon.=179deg					
H. Ang=15deg					
Mac.=DKI					
Carr. Lon.=174deg					
H. Ang=20deg					
H. Ang=60deg					
H. Ang=22deg					
H. Ang=13deg					

80/05/27				DOY=148			
Event # = 575				Event # = 20086			
80/05/27, 05:15				80/05/27, 05:15			
Start				Start			
GOES 05:01				GOES 05:01			
HXRBS 05:01:00				HXRBS 05:01:00			
BCS 05:04				BCS 05:04			
BCS 05:06				BCS 05:06			
SMM Pointing:				SMM Pointing:			
Importance=C3				Importance=C3			
Peak...c/s=92				Peak...c/s=92			
CaPeak.c/s=18				CaPeak.c/s=18			
CaPeak.c/s=20				CaPeak.c/s=20			
Qual=01				Qual=01			
Qual=01				Qual=01			
Qual=1				Qual=1			
Associated				Associated			
Qual=1				Qual=1			
FePeak=05:04				FePeak=05:04			
Event # = 20085				Event # = 20085			
FePeak=05:06				FePeak=05:06			
MaxkeV=124				MaxkeV=124			
FePeak.c/s=7				FePeak.c/s=7			
#Peaks=1				#Peaks=1			
XEN=14800				XEN=14800			
XEN=14801				XEN=14801			
Pitch=+243", Yaw=-179", Roll=0deg				Pitch=+241", Yaw=-186", Roll=0deg			
H.Ang=19deg				H.Ang=19deg			
FePeak.c/s=13				FePeak.c/s=13			
#Peaks=1				#Peaks=1			
dt= 3.0s				dt= 3.0s			
Rast=180"x180"				Rast=180"x180"			
Step=20"				Step=20"			
Cad=41.5s				Cad=41.5s			
0.512s/pixel				0.512s/pixel			
Pitch=+241", Yaw=-198", Roll=0deg				Pitch=+241", Yaw=-198", Roll=0deg			
H.Ang=19deg				H.Ang=19deg			
Mac.=EKI				Mac.=EKI			
Carr. Lon.=174deg				Carr. Lon.=174deg			
H.Ang=21deg				H.Ang=21deg			
MaxkeV=124				MaxkeV=124			
FePeak.c/s=34				FePeak.c/s=34			
#Peaks=1				#Peaks=1			
dt= 3.0s				dt= 3.0s			
Rast=180"x180"				Rast=180"x180"			
Step=15"				Step=15"			
Cad= 147s				Cad= 147s			
1.024s/pixel				1.024s/pixel			
Pitch=+227", Yaw=-242", Roll=0deg				Pitch=+227", Yaw=-242", Roll=0deg			
H.Ang=20deg				H.Ang=20deg			
Mac.=CAO				Mac.=CAO			
Carr. Lon.=155deg				Carr. Lon.=155deg			
H.Ang=13deg				H.Ang=13deg			
MaxkeV=124				MaxkeV=124			
FePeak.c/s=37				FePeak.c/s=37			
#Peaks=1				#Peaks=1			
dt= 3.0s				dt= 3.0s			
Rast=60"x60"				Rast=60"x60"			
Step=10"				Step=10"			
Cad=36.9s				Cad=36.9s			
1.024s/pixel				1.024s/pixel			
Pitch=+227", Yaw=-282", Roll=0deg				Pitch=+227", Yaw=-282", Roll=0deg			
H.Ang=22deg				H.Ang=22deg			
Mac.=EKI				Mac.=EKI			
Carr. Lon.=110deg				Carr. Lon.=110deg			
H.Ang=46deg				H.Ang=46deg			
MaxkeV=124				MaxkeV=124			
FePeak.c/s=124				FePeak.c/s=124			
Tot Cts=26857				Tot Cts=26857			
DOY=149				DOY=149			
80/05/28				80/05/28			
Event # = 578				Event # = 579			
80/05/27, 21:06				80/05/28, 02:09			
Start				Start			
GOES 21:02				GOES 02:09:08			
HXRBS 21:03:41				HXRBS 02:09:48			
BCS 21:06				BCS 02:10:43			
BCS 21:07				BCS 02:10:43			
Radio Sweeps				Radio Sweeps			
Type/Intensity:				Type/Intensity:			
11/3				11/3			
SMM Pointing:				SMM Pointing:			
Ha...Class=SB				Ha...Class=SB			
Importance=C6				Importance=C6			
Peak...c/s=590				Peak...c/s=590			
CaPeak.c/s=129				CaPeak.c/s=129			
Peak3...c/s=31				Peak3...c/s=31			
End times				End times			
16:11				16:11			
16:02:28				16:02:28			
16:08				16:08			
16:07				16:07			
DOY=148				DOY=149			
Peak				Peak			
16:03				16:03			
15:58				15:58			
GOES 15:58				GOES 15:58			
HXRBS 16:00:01				HXRBS 16:00:01			
BCS 16:00				BCS 16:00			
BCS 16:07				BCS 16:07			
Radio Sweeps				Radio Sweeps			
Type/Intensity:				Type/Intensity:			
11/3				11/3			
SMM Pointing:				SMM Pointing:			
Ha...Class=SB				Ha...Class=SB			
Importance=C5				Importance=C5			
Peak...c/s=990				Peak...c/s=990			
End times				End times			
21:12				21:12			
21:06				21:06			
21:04:38				21:04:38			
21:06:01				21:06:01			
DOY=148				DOY=149			
Peak				Peak			
21:06				21:06			
21:03:41				21:03:41			
Radio Sweeps				Radio Sweeps			
Type/Intensity:				Type/Intensity:			
11/3				11/3			
SMM Pointing:				SMM Pointing:			
Ha...Class=SB				Ha...Class=SB			
Importance=C5				Importance=C5			
Peak...c/s=375				Peak...c/s=375			
Wavelength=1546A				Wavelength=1546A			
End times				End times			
02:10:43				02:10:43			
02:09:48				02:09:48			
02:09:08				02:09:08			
01:30				01:30			
GOES 02:09:08				GOES 02:09:08			
HXRBS 02:09:48				HXRBS 02:09:48			
UVSP 01:30				UVSP 01:30			
Pitch=+227", Yaw=-322", Roll=0deg				Pitch=+227", Yaw=-322", Roll=0deg			
H.Ang=25deg				H.Ang=25deg			
MaxkeV=124				MaxkeV=124			
Rast=10"x10"				Rast=10"x10"			
Step=0"				Step=0"			
Pitch=+188", Yaw=-414"				Pitch=+188", Yaw=-414"			

Event # = 580									
80/05/28, 02:17	DOY=149	Start	End times	SMM Pointing:	S15W21		Pitch=+227", Yaw=-322", Roll=0deg	H. Ang=25deg	
Optical				Ha...Class=1N					
GOES 02:11	02:17	02:43		Importance=M1	S22W19	AR2470	Mac.=DK1	Carr. Lon.=171deg	H. Ang=28deg
HXRBS 02:13-20	02:15:16	02:18:00		Peak...c/s=2334	Qual=03				
BCS 02:13	02:17	02:21		CaPeak.c/s=318	Qual=01				
FCS	02:13			Peak3...c/s=45	Qual=1				
HXIS				Peak...c/s=506					
UVSP 02:59				Wavelength=1544A					
Radio Sweeps				III/3 IV/2 V/3					
Radio Frequency (MHz)/Flux(sfu):				245/5000 606/21 1415/16 2695/40 4995/86 8800/59					
Event # = 581									
80/05/28, 09:42	DOY=149	Start	End times	SMM Pointing:	S12W87		Pitch=+194", Yaw=-927", Roll=0deg	H. Ang=87deg	
GOES 09:35	09:42	09:53		Importance=C2	Qual=01				
HXRBS 09:38-21	09:38:39	09:39:16		Peak...c/s=78	Qual=01				
UVSP 09:37				Wavelength=1552A	Code=00	Exp #=3470	MaxkeV=54	Rast=10"x10"	Pitch=+266", Yaw=-907"
Event # = 582									
80/05/28, 10:05	DOY=149	Start	End times	SMM Pointing:	S12W87		Pitch=+194", Yaw=-927", Roll=0deg	H. Ang=87deg	
GOES 09:59	10:05	10:22		Importance=C2	Qual=01				
HXRBS 10:05:17	10:05:23	10:05:37		Peak...c/s=98	Qual=01				
UVSP 09:44				Wavelength=1552A	Code=00	Exp #=3471	MaxkeV=54	Rast=127"x127"	Pitch=+211", Yaw=-927"
HXRBS 10:07:44	10:08:29	10:08:54		Associated	Qual=01	Event # = 583	MaxkeV=54		
Event # = 20210									
80/05/28, 13:33	DOY=149	Start	End times	SMM Pointing:	S01W00		Pitch=+2", Yaw=-7", Roll=0deg	H. Ang=0deg	
Optical				Ha...Class=SB	N08W07	AR2476	Mac.=EAI	Carr. Lon.=153deg	H. Ang=11deg
Optical				Ha...Class=SF	S09W41	AR2466		Carr. Lon.=187deg	H. Ang=42deg
Optical				Ha...Class=SF	S14W32	AR2469		Carr. Lon.=178deg	H. Ang=34deg
Optical				Ha...Class=SF	S10E33	AR2478		Carr. Lon.=113deg	H. Ang=34deg
GOES 13:28	13:33	13:39		Importance=C4	Qual=03				
BCS 13:30	13:30	13:32		CaPeak.c/s=62	Qual=2	FePeak=13:30		#Peaks=1	XEN=14900
FCS 13:31				Peak3...c/s=20		Rast=240"x240"		Step=15"	Cad= 262s 1.024s/pixel
UVSP 12:55				Wavelength=1552A	Code=01	Exp #=3479	Rast=127"x127"	Step=3"	Pitch=+211", Yaw=-927"
Event # = 584									
80/05/28, 14:19	DOY=149	Start	End times	SMM Pointing:	S01W00		Pitch=-1", Yaw=-3", Roll=0deg	H. Ang=0deg	
Optical				Ha...Class=SN	S10E33	AR2478	Mac.=EAI	Carr. Lon.=112deg	H. Ang=34deg
Optical				Ha...Class=SB	S09W41	AR2466		Carr. Lon.=186deg	H. Ang=42deg
GOES 14:01	14:19	14:37		Importance=C2	Qual=01				
HXRBS 14:18:50	14:19:25	14:20:20		Peak...c/s=595	Qual=01	Tot Cts=16384	MaxkeV=124	Flags=FS	

Event # = 585									
80/05/28,16:01	DOY=149	SMM Pointing:		S01W00	Pitch=-1", Yaw=-5", Roll=0deg		H. Ang=0deg		
Start	Peak	End times			Mac.=DKI Carr. Lon.=172deg		H. Ang=36deg		
Optical									
G0ES	15:51	16:01	16:16	Ha...Class=SN	AR2470				
HXRBS	15:50:00	15:52:20	16:08:10	Importance=C9					
Radio Sweeps	Type/Intensity:		V/3	Tot Cts=35701	MaxkeV=257				
Radio Frequency (MHz)/Flux(sfu):	606/93	1415/15	2695/14	4995/8	8800/29	15400/36			
Event # = 586									
80/05/28,17:21	DOY=149	SMM Pointing:		S01W00	Pitch=-1", Yaw=-4", Roll=0deg		H. Ang=0deg		
Start	Peak	End times			Mac.=DKI Carr. Lon.=179deg		H. Ang=38deg		
Optical									
G0ES	17:05	17:21	17:53	Ha...Class=IB	AR2470				
HXRBS	17:19:58	17:20:20	17:31:38	Importance=M3					
Radio Sweeps	Type/Intensity:		V/3	Tot Cts=97500	MaxkeV=124	Flags=SN			
Radio Frequency (MHz)/Flux(sfu):	245/290	410/150	2695/81	4995/85	8800/130	15400/43			
Event # = 20211									
80/05/28,19:09	DOY=149	SMM Pointing:		S01W00	Pitch=-1", Yaw=-4", Roll=0deg		H. Ang=0deg		
Start	Peak	End times			Mac.=EAI Carr. Lon.=151deg		H. Ang=12deg		
Optical					Carr. Lon.=173deg		H. Ang=36deg		
Optical									
G0ES	18:47	19:09	19:40	Ha...Class=SN	AR2476				
BCS	18:56	19:06	19:33	Qual=04	AR2470				
FCS	19:29			Importance=C5					
HXIS	19:12			CaPeak.c/s=97	FePeak=19:06	#Peaks=1 dt=11.3s	XEN=14901		
				Peak3...c/s=9748		Step=0" Cad=.26s	0.256s/pixel		
				Peak...c/s=152					
Event # = 587									
80/05/28,22:07	DOY=149	SMM Pointing:		S01W00	Pitch=+0", Yaw=+0", Roll=0deg		H. Ang=0deg		
Start	Peak	End times			Mac.=DKI Carr. Lon.=176deg		H. Ang=38deg		
Optical									
G0ES	21:56	22:07	22:22	Ha...Class=IB	AR2470				
HXRBS	22:07:30	22:07:45	22:14:13	Importance=M2					
UVSP	22:08			Peak...c/s=228	Tot Cts=18661	MaxkeV=54	Step=0" Pitch=+11", Yaw=+25"		
Radio Sweeps	Type/Intensity:		V/2	Wave length=1223A	Exp #=3481	Rast=10"x10"			
HXRBS	22:19:25	22:19:55	22:20:57	Associated	Event # = 588				
UVSP	22:11			Qual=01	Tot Cts=573	MaxkeV=54	Step=3" Pitch=+11", Yaw=+25"		
				Wave length=1223A	Exp #=3482	Rast=127"x127"			
Event # = 589									
80/05/28,23:44	DOY=149	SMM Pointing:		S01W00	Pitch=+0", Yaw=+2", Roll=0deg		H. Ang=0deg		
Start	Peak	End times			Mac.=DKI Carr. Lon.=179deg		H. Ang=42deg		
Optical									
G0ES	23:35	23:44	00:10	Ha...Class=2B	AR2470				
HXRBS	23:43:30	23:43:30	00:01:20	Importance=M6					
HXIS	23:51			Peak...c/s=1558	Tot Cts=1.26E+5	MaxkeV=480	Flags=SN, ND		
UVSP	23:44			Peak...c/s=787					
Radio Sweeps	Type/Intensity:		V/2	Wave length=3085A	Code=02	Rast=15"x15"	Step=3" Pitch=+11", Yaw=+25"		
Radio Frequency (MHz)/Flux(sfu):	245/1100	410/720	606/54	1415/82	2695/62	4995/180	8800/390	15400/270	

80/05/29 DOY=150									
Event # = 590									
80/05/29, 03:35		DOY=150	SMM Pointing:		S14W35	Pitch=+217", Yaw=-529", Roll=0deg		H.Ang=37deg	
Start		Peak	End times						
GOES	03:34	03:35	03:36		Qual=01				
HXRBS	03:32:52	03:34:41	03:36:52		Importance=C2				
UVSP	03:18	03:43	03:47		Peak...c/s=93				
Radio	Frequency(MHz)/Flux(sfu):		245/210 410/50 606/12 1415/7 2695/15 4995/13		Tot Cts=1125	MaxkeV=54			
					Exp #=3502	Rast=127"x127"		Step=3" Pitch=+234", Yaw=-572"	
Event # = 591									
80/05/29, 03:45		DOY=150	SMM Pointing:		S14W35	Pitch=+217", Yaw=-529", Roll=0deg		H.Ang=37deg	
Start		Peak	End times						
GOES	03:39	03:45	03:49		Qual=01				
HXRBS	03:39:55	03:40:20	03:49:55		Importance=C4				
BCS	03:39	03:43	03:51		Peak...c/s=89				
FCS	03:47	03:47	03:47		CaPeak.c/s=59				
HXIS	03:18	03:43	03:43		Peak3...c/s=435				
UVSP	03:18	03:43	03:43		Peak...c/s=96				
Event # = 592									
80/05/29, 05:18		DOY=150	SMM Pointing:		S14W36	Pitch=+216", Yaw=-546", Roll=0deg		H.Ang=38deg	
Start		Peak	End times						
Optical	05:06	05:18	05:35		Ha...Class=SN				
Optical	05:09:20	05:10:50	05:29:40		Ha...Class=SF	Carr. Lon.=173deg		H.Ang=40deg	
GOES	04:58	05:20	05:31		Importance=M1	Carr. Lon.=178deg		H.Ang=42deg	
HXRBS	05:09:20	05:10:50	05:29:40		Peak...c/s=755				
BCS	04:58	05:20	05:31		CaPeak.c/s=437				
FCS	05:23	05:23	05:23		Peak3...c/s=1107				
HXIS	04:56	05:18	05:18		Peak...c/s=624				
UVSP	04:56	05:18	05:18		Wavelength=1558A	Code=00			
Radio Sweeps	Type/Intensity:		V/2		Exp #=3507		Rast=127"x127"		Pitch=+234", Yaw=-594"
Radio	Frequency(MHz)/Flux(sfu):		245/320 410/120 606/28 1415/37 2695/110 4995/240 8800/240		Exp #=3507		Step=3"		
Event # = 593									
80/05/29, 06:44		DOY=150	SMM Pointing:		S14W37	Pitch=+217", Yaw=-552", Roll=0deg		H.Ang=39deg	
Start		Peak	End times						
GOES	06:43:50	06:44:10	06:44:30		Qual=00				
HXRBS	06:31	06:44:10	06:44:30		Qual=01				
UVSP	06:31	06:44:10	06:44:30		Peak...c/s=88	MaxkeV=54			
					Wavelength=1553A	Rast=127"x127"		Step=3" Pitch=+154", Yaw=-599"	
Event # = 594									
80/05/29, 08:01		DOY=150	SMM Pointing:		S14W39	Pitch=+216", Yaw=-576", Roll=0deg		H.Ang=40deg	
Start		Peak	End times						
Optical	07:55	08:01	08:06		Ha...Class=SB				
GOES	07:55:35	07:57:20	07:59:45		Importance=C3	Carr. Lon.=154deg		H.Ang=22deg	
HXRBS	07:55:35	07:57:20	07:59:45		Peak...c/s=84				
UVSP	08:01	07:57:20	07:59:45		Wavelength=1552A	Code=02		Step=0" Pitch=+169", Yaw=-611"	
Event # = 20087									
80/05/29, 09:18		DOY=150	SMM Pointing:		S14W39	Pitch=+216", Yaw=-576", Roll=0deg		H.Ang=40deg	
Start		Peak	End times						
GOES	09:10	09:18	09:20		Importance=C2				
BCS	09:19	09:19	09:19		CaPeak.c/s=19				
UVSP	09:20	09:19	09:19		Wavelength=1552A	Code=02		FePeak.c/s=12 #Peaks=1 XEN=15003	
					Exp #=3516	Rast=10"x10"		Pitch=+169", Yaw=-611"	

Event # = 20214		80/05/30		DOY=151	
80/05/30,00:31	DOY=151	S19W48		S19W48	
Optical	Start	S19W48		S19W48	
GOES	00:21	00:31	00:35	00:32	00:33
BCS	00:29	00:32	00:33	00:32	00:33
UVSP	00:05	00:05	00:05	00:05	00:05
SMM Pointing: Ha...Class=SN Importance=C3 CaPeak.c/s=29 Wavelength=1547A Code=00					
FePeak=00:31 Exp #=3540					
Pitch=+299",Yaw=-668",Roll=0deg H.Ang=51deg					
Mac.=EAI Carr.Lon.=111deg H.Ang=20deg					
FePeak.c/s=7 #Peaks=1 dt= 3.0s XEN=15100					
Rast=120"x120" Step=3" Pitch=+313",Yaw=-655"					
Event # = 600					
80/05/30,02:01	DOY=151	S19W50		S19W50	
Optical	Start	S19W50		S19W50	
GOES	02:01:12	02:01:25	02:01:42	02:01:42	02:01:42
HXRBS	01:40	01:40	01:40	01:40	01:40
UVSP	01:40	01:40	01:40	01:40	01:40
SMM Pointing: Peak...c/s=120 Qual=01 Wavelength=1547A					
Tot Cts=413 Exp #=3544					
Pitch=+298",Yaw=-684",Roll=0deg H.Ang=52deg					
MaxkeV=125 Rast=120"x120" Step=3" Pitch=+226",Yaw=-732"					
Event # = 20215					
80/05/30,10:06	DOY=151	S19W53		S19W53	
Optical	Start	S19W53		S19W53	
GOES	09:54	10:06	10:10	10:06	10:10
BCS	10:06	10:06	10:06	10:06	10:06
UVSP	09:39	09:39	09:39	09:39	09:39
SMM Pointing: Importance=C1 CaPeak.c/s=19 Wavelength=1547A Code=00					
FePeak=10:06 Exp #=3564					
Pitch=+298",Yaw=-721",Roll=0deg H.Ang=55deg					
FePeak.c/s=13 #Peaks=1 XEN=15102					
Rast=120"x120" Step=3" Pitch=+180",Yaw=-821"					
Event # = 601					
80/05/30,10:58	DOY=151	S19W55		S19W55	
Optical	Start	S19W55		S19W55	
GOES	10:43	10:58	11:18	10:58	11:18
HXRBS	10:55:50	10:56:45	10:57:00	10:57:00	10:57:00
BCS	10:52	10:58	11:20	10:58	11:20
FCS	11:09	11:09	11:09	11:09	11:09
HXIS	10:53	10:56	10:56	10:56	10:56
UVSP	10:53	10:56	10:56	10:56	10:56
SMM Pointing: Ha...Class=SN Importance=C4 Peak...c/s=68 CaPeak.c/s=102 Peak3...c/s=171 Peak...c/s=157 Wavelength=1542A Code=00					
Type/Intensity: V/3					
Radio Frequency(MHz)/Flux(sfu): 245/650					
Pitch=+298",Yaw=-736",Roll=0deg H.Ang=57deg					
Mac.=DKO Carr.Lon.=175deg H.Ang=56deg					
MaxkeV=54 FePeak.c/s=23 #Peaks=1 dt= 3.0s XEN=15103					
Rast=180"x180" Step=15" Cad= 147s 1.024s/pixel					
Rast=3"x3" Step=0" Pitch=+180",Yaw=-821"					
Event # = 602					
80/05/30,20:52	DOY=151	S12E03		S12E03	
Optical	Start	S12E03		S12E03	
GOES	20:49	20:52	20:56	20:52	20:56
HXRBS	20:51:22	20:52:24	20:53:16	20:53:16	20:53:16
UVSP	20:33	20:33	20:33	20:33	20:33
SMM Pointing: Ha...Class=S8 Importance=C1 Peak...c/s=117 Wavelength=3085A Code=00					
Radio Frequency(MHz)/Flux(sfu): 1415/13 2695/34 8800/17					
Pitch=+184",Yaw=+49",Roll=0deg H.Ang=12deg					
Mac.=EAO Carr.Lon.=145deg H.Ang=31deg					
MaxkeV=125 Rast=240"x240" Step=3" Pitch=+141",Yaw=+14"					
Event # = 603					
80/05/31,06:14	DOY=152	S19W64		S19W64	
Optical	Start	S19W64		S19W64	
GOES	06:10	06:14	06:17	06:14	06:17
HXRBS	06:12:20	06:12:39	06:14:45	06:14:45	06:14:45
UVSP	06:13	06:13	06:13	06:13	06:13
SMM Pointing: Importance=C2 Peak...c/s=83 Wavelength=1402A Code=00					
Exp #=3607					
Pitch=+303",Yaw=-807",Roll=0deg H.Ang=65deg					
MaxkeV=54 Rast=240"x240" Step=4" Pitch=+244",Yaw=-857"					

80/06/02 DOY=154									
Event # = 611		80/06/02,00:30	DOY=154	SMM Pointing:		S19W86	Pitch=+308",Yaw=-894",Roll=0deg		H.Ang=86deg
Optical	Start	End times	Peak						
GOES	00:10	00:49	00:30	Ha...Class=SN		S12W30	Mac.=EKI	Carr.Lon.=117deg	H.Ang=32deg
HXRBS	00:12:30	00:13:20	00:13:20	Importance=C5		Qual=03			
UVSP	00:00	00:13:35	00:13:35	Peak...c/s=148		Qual=01	MaxkeV=54		
				Wavelength=1547A		Code=00	Rast=120"x120"	Step=3"	Pitch=+244",Yaw=-913"
Event # = 612		80/06/02,03:10	DOY=154	SMM Pointing:		S19W90	H.Ang=90deg		
GOES	02:58	03:20	03:10	Importance=C3		Qual=01			
HXRBS	03:06:20	03:06:50	03:06:50	Peak...c/s=92		Qual=01	MaxkeV=54		
UVSP	02:52	03:07:00	03:07:00	Wavelength=1639A		Code=00	Rast=240"x240"	Step=3"	Pitch=+249",Yaw=-951"
Event # = 613		80/06/02,08:22	DOY=154	SMM Pointing:		S19W86	Pitch=+308",Yaw=-894",Roll=0deg		H.Ang=86deg
Optical	Start	End times	Peak						
GOES	08:12	08:32	08:22	Code=LPS		S13E90	Mac.=CK0	Carr.Lon.=352deg	H.Ang=90deg
HXRBS	08:21:00	08:22:10	08:22:10	Importance=C8		Qual=01			
UVSP	07:51	08:22:40	08:22:40	Peak...c/s=179		Qual=01	MaxkeV=54		
				Wavelength=1401A		Code=00	Rast=76"x76"	Step=8"	Pitch=+322",Yaw=-888"
Event # = 614		80/06/02,09:23	DOY=154	SMM Pointing:		S19W86	Pitch=+307",Yaw=-894",Roll=0deg		H.Ang=86deg
Optical	Start	End times	Peak						
GOES	09:00	09:30	09:23	Ha...Class=SB		S21W93	Mac.=HKX	Carr.Lon.=175deg	H.Ang=93deg
HXRBS	09:17:50	09:18:30	09:18:30	Importance=M1		Qual=04			
BCS	09:10	10:07	09:10	Peak...c/s=85		Qual=01	MaxkeV=54		
FCS	09:11	09:11	09:11	CaPeak.c/s=169		Qual=5	FePeak.c/s=42	#Peaks=1	XEN=15400
HXIS	09:10	09:10	09:10	Peak3...c/s=50			Rast=180"x180"	Step=15"	Cad= 147s
UVSP	09:21	09:10	09:10	Peak...c/s=136			Rast=240"x240"	Step=4"	Pitch=+248",Yaw=-950"
				Wavelength=1402A		Code=00			
Event # = 615		80/06/02,09:33	DOY=154	SMM Pointing:		S19W86	Pitch=+307",Yaw=-894",Roll=0deg		H.Ang=86deg
GOES	09:33:00	09:34:35	09:33:25						
HXRBS	09:33:00	09:33:25	09:33:25	Peak...c/s=77		Qual=06	MaxkeV=54		
UVSP	09:28	09:34:35	09:34:35	Wavelength=1401A		Qual=01	Rast=76"x76"	Step=8"	Pitch=+322",Yaw=-888"
Event # = 616		80/06/02,12:29	DOY=154	SMM Pointing:		S19W86	Pitch=+307",Yaw=-894",Roll=0deg		H.Ang=86deg
Optical	Start	End times	Peak						
GOES	12:20	12:49	12:29	Ha...Class=SN		S05W44	Mac.=EKI	Carr.Lon.=124deg	H.Ang=44deg
HXRBS	12:25:05	12:25:25	12:25:25	Importance=C3		Qual=01			
UVSP	12:23	12:25:35	12:25:35	Peak...c/s=82		Qual=01	MaxkeV=54		
				Wavelength=1397A		Code=00	Rast=4"x4"	Step=0"	Pitch=+130",Yaw=-832"
Event # = 12674		80/06/02,13:20	DOY=154	SMM Pointing:		S19W86	Pitch=+307",Yaw=-894",Roll=0deg		H.Ang=86deg
HXRBS	13:20:08	13:20:09	13:20:09	Peak...c/s=79		Qual=01	MaxkeV=125	Flags=NS	
UVSP	12:39	13:20:24	13:20:24	Wavelength=1401A			Rast=76"x76"	Step=8"	Pitch=+322",Yaw=-888"

		80/06/03		DOY=155			
Event # = 20093							
80/06/03,00:00	DOY=155	S19W86		Pitch=+308", Yaw=-894", Roll=0deg		H. Ang=86deg	
Start	Peak						
GOES 23:58	00:00	Qual=01					
BCS 00:05	00:05	Importance=C5					
UVSP		CaPeak.c/s=18					
-----		Associated		Event # = 20099			
BCS 00:08	00:08	CaPeak.c/s=18		FePeak=00:08		FePeak.c/s=8 #Peaks=1	
-----						Pitch=+258", Yaw=-960"	
						XEN=15500	
						XEN=15501	
Event # = 20098							
80/06/03,00:12	DOY=155	S19W86		Pitch=+308", Yaw=-894", Roll=0deg		H. Ang=86deg	
Start	Peak						
GOES		SMM Pointing:					
BCS 00:12	00:12	End times					
UVSP		CaPeak.c/s=19					
Event # = 620							
80/06/03,00:18	DOY=155	S19W86		Pitch=+308", Yaw=-894", Roll=0deg		H. Ang=86deg	
Start	Peak						
Optical		SMM Pointing:					
GOES 00:14	00:18	Ha...Class=SN					
HXRBS 00:13:18	00:17:07	Importance=C7		Mac.=DK0		Carr.Lon.=359deg	
		Peak...c/s=88		MaxkeV=54			
Event # = 20100							
80/06/03,01:53	DOY=155	S19W86		Pitch=+308", Yaw=-894", Roll=0deg		H. Ang=86deg	
Start	Peak						
GOES 01:48	01:53	Qual=01					
BCS 01:51	01:51	Importance=C5		FePeak.c/s=11		#Peaks=1	
FCS	01:51	CaPeak.c/s=22		Rast=180"x180"		Step=15"	
		Peak3..c/s=18		Cad= 147s		XEN=15503	
Event # = 20223							
80/06/03,02:51	DOY=155	S12W45		Pitch=+193", Yaw=-654", Roll=0deg		H. Ang=46deg	
Start	Peak						
GOES		SMM Pointing:					
BCS 02:49	02:51	End times					
UVSP		CaPeak.c/s=28		FePeak.c/s=7		#Peaks=1	
				dt= 3.0s		XEN=15504	
						Pitch=+138", Yaw=-702"	
Event # = 20108							
80/06/03,03:10	DOY=155	S12W45		Pitch=+193", Yaw=-654", Roll=0deg		H. Ang=46deg	
Start	Peak						
GOES		SMM Pointing:					
BCS 03:10	03:10	End times					
UVSP		CaPeak.c/s=20		FePeak.c/s=8		#Peaks=1	
						XEN=15510	
						Pitch=+138", Yaw=-702"	
Event # = 20749							
80/06/03,03:20	DOY=155	S12W45		Pitch=+193", Yaw=-654", Roll=0deg		H. Ang=46deg	
Start	Peak						
GOES		SMM Pointing:					
BCS 03:17	03:20	End times					
UVSP		CaPeak.c/s=20		FePeak.c/s=10		#Peaks=1	
						XEN=15566	
						Pitch=+138", Yaw=-702"	

Event # = 20109									
80/06/03,03:24	DOY=155	SMM Pointing:		S12W45	Pitch=+193" , Yaw=-654" , Roll=0deg		H. Ang=46deg		
Start	Peak	End times							
GOES 03:24	03:24	03:24	CaPeak.c/s=18	Qual=00	FePeak=03:24	#Peaks=1	XEN=15515		
BCS							Pitch=+138" , Yaw=-702"		
UVSP									
Event # = 20111									
80/06/03,03:31	DOY=155	SMM Pointing:		S12W45	Pitch=+193" , Yaw=-654" , Roll=0deg		H. Ang=46deg		
Start	Peak	End times							
GOES 03:31	03:31	03:31	CaPeak.c/s=19	Qual=00	FePeak=03:31	#Peaks=1	XEN=15516		
BCS							Pitch=+138" , Yaw=-702"		
UVSP									
Event # = 20113									
80/06/03,03:35	DOY=155	SMM Pointing:		S12W45	Pitch=+193" , Yaw=-654" , Roll=0deg		H. Ang=46deg		
Start	Peak	End times							
GOES 03:33	03:35	03:37	CaPeak.c/s=20	Qual=00	FePeak=03:35	#Peaks=1	dt= 6.0s	XEN=15517	
BCS							Pitch=+138" , Yaw=-702"		
UVSP									
Event # = 20126									
80/06/03,04:22	DOY=155	SMM Pointing:		S12W45	Pitch=+193" , Yaw=-654" , Roll=0deg		H. Ang=46deg		
Start	Peak	End times							
GOES 04:10	04:22	04:55	Importance=C5	Qual=05	FePeak=04:35	#Peaks=1	XEN=15519		
BCS 04:35	04:35	04:39	CaPeak.c/s=20	Qual=01			Pitch=+138" , Yaw=-702"		
UVSP									
Event # = 621									
80/06/03,07:47	DOY=155	SMM Pointing:		S12W47	Pitch=+192" , Yaw=-679" , Roll=0deg		H. Ang=48deg		
Start	Peak	End times							
Optical			Ha....Class=SN	S12E72	AR2490	Carr. Lon.=358deg	H. Ang=72deg		
GOES 07:40	07:47	07:53	Importance=C7	Qual=01					
HXRBS 07:40:04	07:41:41	07:46:43	Peak....c/s=137	Qual=01	Tot Cts=3407	MaxkeV=125			
Event # = 623									
80/06/03,08:07	DOY=155	SMM Pointing:		S12W47	Pitch=+192" , Yaw=-679" , Roll=0deg		H. Ang=48deg		
Start	Peak	End times							
Optical			Ha....Class=IN	S12E72	AR2490	Carr. Lon.=357deg	H. Ang=72deg		
GOES 07:53	08:07	08:21	Importance=M2	Qual=01					
HXRBS 08:03:43	08:07:24	08:12:54	Peak....c/s=144	Qual=01	Tot Cts=19427	MaxkeV=77			
HXIS	08:10		Peak....c/s=130		Associated Event # = 622				
					Qual=01	MaxkeV=125			
HXRBS 07:53:54	07:54:52	08:02:24	Peak....c/s=106		Tot Cts=6606				
Event # = 624									
80/06/03,09:34	DOY=155	SMM Pointing:		S12W47	Pitch=+192" , Yaw=-678" , Roll=0deg		H. Ang=48deg		
Start	Peak	End times							
Optical			Ha....Class=SN	S10W33	AR2478	Carr. Lon.=102deg	H. Ang=34deg		
GOES 09:30	09:34	09:38	Importance=C4	Qual=01					
HXRBS 09:34:13	09:35:23	09:35:55	Peak....c/s=57	Qual=01		MaxkeV=54			

Event # = 625									
80/06/03, 09:46	DOY=155	SMM Pointing:		S12W47	Pitch=+192", Yaw=-678", Roll=0deg		H. Ang=48deg		
Start	Peak	End times							
GOES 09:38	09:46	10:00	Importance=C9	Qual=01					
HXRBS 09:39:03	09:42:08	09:45:05	Peak....c/s=197	Qual=01	Tot Cts=12250	MaxkeV=125			
Event # = 626									
80/06/03, 11:44	DOY=155	SMM Pointing:		S12W49	Pitch=+192", Yaw=-697", Roll=0deg		H. Ang=50deg		
Start	Peak	End times							
Optical			Ha...Class=1B	S13E70					
GOES 11:37	11:44	11:49	Importance=M1	Qual=02	AR2490	Mac.=DK0	Carr.Lon.=357deg		H. Ang=70deg
HXRBS 11:39:12	11:42:20	11:47:22	Peak....c/s=908	Qual=01	Tot Cts=69495	MaxkeV=125			
Event # = 627									
80/06/03, 14:16	DOY=155	SMM Pointing:		S11W50	Pitch=+177", Yaw=-712", Roll=0deg		H. Ang=51deg		
Start	Peak	End times							
Optical			Ha...Class=SB	S13E66					
GOES 14:11	14:16	14:29	Importance=C9	Qual=03	AR2490	Mac.=DK0	Carr.Lon.=0deg		H. Ang=67deg
HXRBS 14:11:58	14:14:04	14:17:35	Peak....c/s=336	Qual=01	Tot Cts=23231	MaxkeV=77			
UVSP							Pitch=+123", Yaw=-773"		
Event # = 20135									
80/06/03, 15:21	DOY=155	SMM Pointing:		S11W50	Pitch=+177", Yaw=-712", Roll=0deg		H. Ang=51deg		
Start	Peak	End times							
GOES 15:18	15:21	15:47	Importance=C3	Qual=05					
BCS 15:32	15:32	15:40	CaPeak.c/s=27	Qual=1	FePeak=15:32	Rast=0"x0"	#Peaks=1		XEN=15522
FCS 15:38	15:38		Peak3...c/s=19				Step=0"		3840s/pixel
UVSP									Pitch=+123", Yaw=-773"
				Associated	Event # = 20137				
BCS 15:44	15:45	15:46	CaPeak.c/s=20	Qual=5	FePeak=15:45		#Peaks=1		XEN=15567
UVSP									Pitch=+123", Yaw=-773"
Event # = 20142									
80/06/03, 15:52	DOY=155	SMM Pointing:		S11W50	Pitch=+177", Yaw=-712", Roll=0deg		H. Ang=51deg		
Start	Peak	End times							
GOES 15:48	15:52	15:55	Importance=C3	Qual=01					
BCS 15:52	15:52	15:52	CaPeak.c/s=21	Qual=1	FePeak=15:52	Rast=0"x0"	#Peaks=1		XEN=15529
FCS 15:52	15:52		Peak3...c/s=15				Step=0"		3840s/pixel
UVSP									Pitch=+123", Yaw=-773"
				Associated	Event # = 20141				
BCS 15:49	15:49	15:50	CaPeak.c/s=21	Qual=1	FePeak=15:49		#Peaks=1		XEN=15528
FCS 15:50	15:50		Peak3...c/s=18				Step=0"		3840s/pixel
UVSP									Pitch=+123", Yaw=-773"
				Associated	Event # = 20151				
BCS 15:54	15:54	15:54	CaPeak.c/s=19	Qual=1	FePeak=15:54		#Peaks=1		XEN=15530
UVSP									Pitch=+123", Yaw=-773"
				Associated	Event # = 20152				
BCS 15:56	15:56	15:56	CaPeak.c/s=18	Qual=1	FePeak=15:56		#Peaks=1		XEN=15531
UVSP									Pitch=+123", Yaw=-773"

Event # = 629									
80/06/03,21:04	DOY=155	Start	End times	SMM Pointing:	S11W54	Pitch=+178", Yaw=-754", Roll=0deg	H. Ang=55deg		
Optical				Ha...Class=SN					
GOES 21:00	21:04	21:10		Importance=C3	AR2490	Mac.=DK0 Carr. Lon.=354deg	H. Ang=69deg		
HXRBS 21:00:34	21:00:57	21:02:44		Peak...c/s=137	Tot Cts=1305	MaxkeV=54			
UVSP									

HXRBS 21:03:40	21:04:06	21:05:00		Peak...c/s=90	Associated Event # = 630	Pitch=+133", Yaw=-915"			
UVSP					Qual=01	MaxkeV=54			

Pitch=+133", Yaw=-915"									

Event # = 20226									
80/06/03,22:12	DOY=155	Start	End times	SMM Pointing:	S11W54	Pitch=+178", Yaw=-754", Roll=0deg	H. Ang=55deg		
Optical				Ha...Class=SN					
GOES 22:09	22:12	22:20		Importance=C5	AR2478	Mac.=EKI Carr. Lon.=122deg	H. Ang=61deg		
BGS 21:55	22:13	22:32		CaPeak.c/s=51		FePeak.c/s=8 dt= 6.1s XEN=15559			
FCS 22:21	22:21			Peak3...c/s=60		Rast=0" x0" Cad=3840s 3840s/pixel			
HXIS 22:12				Peak...c/s=112					
UVSP									
Radio				Frequency(MHz)/Flux(sfu): 245/22 410/77		Pitch=+107", Yaw=-918"			

Event # = 20178									
80/06/03,22:47	DOY=155	Start	End times	SMM Pointing:	S11W54	Pitch=+178", Yaw=-754", Roll=0deg	H. Ang=55deg		
GOES 22:47	22:47	22:47		CaPeak.c/s=21	Qual=00				
BGS 22:47					Qual= 1	FePeak=22:47	XEN=15564		
UVSP							Pitch=+107", Yaw=-918"		

80/06/04 DOY=156									
Event # = 631									
80/06/04,00:08	DOY=156	Start	End times	SMM Pointing:	S11W55	Pitch=+180", Yaw=-764", Roll=0deg	H. Ang=56deg		
Optical				Ha...Class=SN					
GOES 00:00	00:08	00:11		Importance=C7	AR2490	Mac.=DK0 Carr. Lon.=357deg	H. Ang=65deg		
HXRBS 00:02:05	00:03:16	00:07:55		Peak...c/s=166	Tot Cts=12497	MaxkeV=54			

Event # = 632									
80/06/04,00:19	DOY=156	Start	End times	SMM Pointing:	S11W55	Pitch=+180", Yaw=-764", Roll=0deg	H. Ang=56deg		
Optical				Ha...Class=SN					
GOES 00:14	00:19	00:38		Importance=C9	AR2490	Mac.=DK0 Carr. Lon.=359deg	H. Ang=62deg		
HXRBS 00:15:30	00:16:28	00:19:54		Peak...c/s=97	Tot Cts=2340	MaxkeV=54			
Radio Sweeps				Type/Intensity: I/1					

Event # = 633									
80/06/04,02:13	DOY=156	Start	End times	SMM Pointing:	S11W56	Pitch=+182", Yaw=-774", Roll=0deg	H. Ang=57deg		
GOES 01:58	02:13	02:21		Importance=C7	Qual=02				
HXRBS 02:07:49	02:08:43	02:09:19		Peak...c/s=112	Qual=01	Tot Cts=1523			
HXIS 02:04				Peak...c/s=80		MaxkeV=54			
UVSP 02:22				Wave length=1542A Code=02	Exp #=3752	Rast=3" x3" Step=0"	Pitch=+128", Yaw=-840"		

Event # = 20227 80/06/04, 02:32 Optical GOES 02:23 HXIS 02:45 UVSP 02:27	DOY=156 Peak 02:32 02:45	End times 03:20	SMM Pointing: Ha...Class=SF Importance=C7 Peak...c/s=237 Wavelength=1544A	S11W56 S13W59 Qual=05 Code=00	Pitch=+182", Yaw=-774", Roll=0deg Mac.=EKI Carr.Lon.=118deg Rast=240"x240" Step=3" Pitch=+128", Yaw=-841"	H.Ang=57deg H.Ang=60deg
Event # = 20179 80/06/04, 04:22 GOES 04:19 BCS 04:19 UVSP 04:19	DOY=156 Peak 04:22	End times 04:27	SMM Pointing: CaPeak.c/s=25 Wavelength=1542A	S11W57 Qual=00 Qual=1	Pitch=+183", Yaw=-782", Roll=0deg FePeak.c/s=9 #Peaks=1 dt= 6.1s XEN=15602 Rast=3"x3" Step=0" Pitch=+130", Yaw=-850"	H.Ang=58deg
Event # = 20228 80/06/04, 04:38 GOES 04:28 BCS 04:29 HXIS 04:38 UVSP 04:24	DOY=156 Peak 04:38 04:36 04:38	End times 04:51 04:46	SMM Pointing: Importance=C3 CaPeak.c/s=35 Peak...c/s=88 Wavelength=1546A	S11W58 Qual=01 Qual=1 Code=00	Pitch=+184", Yaw=-792", Roll=0deg FePeak.c/s=6 #Peaks=1 dt= 6.1s XEN=15636 Rast=240"x240" Step=3" Pitch=+130", Yaw=-851"	H.Ang=59deg
Event # = 20180 80/06/04, 05:03 GOES 05:00 BCS 05:00 UVSP 04:24 BCS 05:10	DOY=156 Peak 05:03 05:04 05:11	End times 05:20 05:08 05:11	SMM Pointing: Importance=C4 CaPeak.c/s=29 Wavelength=1546A Associated CaPeak.c/s=19	S11W58 Qual=01 Qual=1 Code=00 Qual=1	Pitch=+184", Yaw=-792", Roll=0deg FePeak.c/s=14 #Peaks=1 dt= 6.1s XEN=15610 Rast=240"x240" Step=3" Pitch=+130", Yaw=-851" FePeak.c/s=7 #Peaks=1 XEN=15637	H.Ang=59deg
Event # = 20186 80/06/04, 05:14 GOES 05:14 BCS 05:14 UVSP 04:24	DOY=156 Peak 05:14	End times 05:14	SMM Pointing: CaPeak.c/s=18 Wavelength=1546A	S11W58 Qual=00 Qual=1	Pitch=+184", Yaw=-792", Roll=0deg FePeak.c/s=6 #Peaks=1 XEN=15613 Rast=240"x240" Step=3" Pitch=+130", Yaw=-851"	H.Ang=59deg
Event # = 20229 80/06/04, 06:09 GOES 05:57 BCS 06:06 HXIS 06:09 UVSP 06:00	DOY=156 Peak 06:09 06:09 06:09	End times 06:13 06:13	SMM Pointing: Importance=C3 CaPeak.c/s=35 Peak...c/s=93 Wavelength=1546A	S11W59 Qual=01 Qual=1 Code=00	Pitch=+186", Yaw=-797", Roll=0deg FePeak.c/s=10 #Peaks=3 dt= 6.1s XEN=15638 Rast=240"x240" Step=3" Pitch=+131", Yaw=-858"	H.Ang=60deg
Event # = 20188 80/06/04, 06:20 GOES 06:13 BCS 06:17 UVSP 06:00 BCS 06:15	DOY=156 Peak 06:20 06:17 06:15	End times 06:25 06:21 06:15	SMM Pointing: Importance=C4 CaPeak.c/s=35 Wavelength=1546A Associated CaPeak.c/s=19	S11W59 Qual=01 Qual=1 Code=00 Qual=1	Pitch=+186", Yaw=-797", Roll=0deg FePeak.c/s=10 #Peaks=1 XEN=15617 Rast=240"x240" Step=3" Pitch=+131", Yaw=-858" FePeak.c/s=7 #Peaks=1 XEN=15616	H.Ang=60deg

Event # = 20191									
80/06/04, 06:34		DOY=156	SMM Pointing:		S11W59	Pitch=+186", Yaw=-797", Roll=0deg		H. Ang=60deg	
Start		Peak	End times						
G0ES	06:25	06:34	06:50		Qual=01				
BCS	06:23	06:32	06:45		Qual=1				
UVSP	06:00				Code=00				
					Associated				
					Event # = 20193				
BCS	06:47	06:47	06:47		Qual=1				

Event # = 634									
80/06/04, 06:55		DOY=156	SMM Pointing:		S11W59	Pitch=+186", Yaw=-797", Roll=0deg		H. Ang=60deg	
Start		Peak	End times						
Optical									
G0ES	06:54	06:55	07:05		Ha...Class=SB				
HXRBS	06:53:56	06:54:37	06:58:35		Importance=M6				
GRS	06:54:19		06:55:08		Qual=01				
UVSP	06:00				Peak...c/s=35200				
					Max.E..MeV= 1.0				
					Wavelength=1546A				
					Code=00				
					Exp # = 3759				
					Nuclear.Line=Y				
					Tot Cts=1.37E+6				
					Mac.=DK0				
					Carr. Lon.=358deg				
					Flags=FS				
					MaxkeV=482				
					>10MeV=Y				
					Rast=240"x240"				
					Step=3"				
					Pitch=+131", Yaw=-858"				
					Exp # = 3759				
					Dur=49sec				
					FePeak.c/s=12				
					#Peaks=1				
					XEN=15622				

Event # = 20230									
80/06/04, 07:32		DOY=156	SMM Pointing:		S11W60	Pitch=+187", Yaw=-804", Roll=0deg		H. Ang=61deg	
Start		Peak	End times						
G0ES	07:28	07:32	07:40		Qual=04				
BCS	07:30	07:31	07:41		Qual=5				
HXIS	07:32	07:30			Code=02				
UVSP	07:32				Exp # = 3760				
					FePeak.c/s=22				
					#Peaks=1				
					XEN=15623				
					Rast=3"x3"				
					Step=0"				
					Pitch=+132", Yaw=-865"				

Event # = 635									
80/06/04, 08:45		DOY=156	SMM Pointing:		S11W60	Pitch=+187", Yaw=-804", Roll=0deg		H. Ang=61deg	
Start		Peak	End times						
Optical									
G0ES	07:51	08:45	09:32		S13E58				
HXRBS	07:51:50	08:34:14	08:34:09		Qual=02				
BCS	09:12	09:12	10:08		Qual=03				
HXIS	09:07	09:13			Qual=5				
UVSP	09:07				Code=00				
					Exp # = 3763				
					2695/1600 4995/1600 8800/1700 15400/1100				
					Rast=10"x10"				
					Step=0"				
					Pitch=+132", Yaw=-865"				
					FePeak.c/s=88				
					#Peaks=1				
					XEN=15601				

Event # = 636									
80/06/04, 09:07		DOY=156	SMM Pointing:		S11W60	Pitch=+187", Yaw=-804", Roll=0deg		H. Ang=61deg	
Start		Peak	End times						
Optical									
G0ES	07:51	08:45	09:32		S13E58				
HXRBS	07:51:50	08:34:14	08:34:09		Qual=02				
BCS	09:12	09:12	10:08		Qual=03				
HXIS	09:07	09:13			Qual=5				
UVSP	09:07				Code=00				
					Exp # = 3763				
					2695/1600 4995/1600 8800/1700 15400/1100				
					Rast=10"x10"				
					Step=0"				
					Pitch=+132", Yaw=-865"				
					FePeak.c/s=88				
					#Peaks=1				
					XEN=15601				

Event # = 637									
80/06/04, 09:56		DOY=156	SMM Pointing:		S14E60	Pitch=+228", Yaw=+793", Roll=0deg		H. Ang=61deg	
Start		Peak	End times						
G0ES	09:53	09:56	10:04		Qual=01				
HXRBS	09:54:31	09:56:10	09:58:04		Qual=01				
UVSP	09:52				Qual=01				
					Code=00				
					Exp # = 3770				
					MaxkeV=54				
					Rast=120"x250"				
					Step=10"				
					Pitch=+174", Yaw=+734"				

Event # = 638									
80/06/04, 10:55		DOY=156	SMM Pointing:		N00W00	Pitch=+0", Yaw=+0", Roll=0deg		H. Ang=0deg	
Start		Peak	End times						
G0ES	10:48	10:55	11:06		Qual=01				
HXRBS	10:54:00	10:54:40	10:55:20		Qual=01				
UVSP	10:54	10:54	10:55		Qual=01				
					Code=00				
					Exp # = 3776				
					MaxkeV=54				
					Rast=3"x3"				
					Step=0"				
					Pitch=-61", Yaw=-43"				

Event # =	DOW=156 Peak	SMM Pointing:	N00E01	Pitch=+2", Yaw=+9", Roll=0deg	H.Ang=1deg
80/06/04,14:07 Start	DOY=156 Peak	End times			
G0ES 14:03	14:07	Importance=C2	Qual=01		
HXRBS 14:05:40	14:06:40	Peak...c/s=101	Qual=01	Tot Cts=1232	
UVSP 13:58	14:06:40	WaveLength=1546A Code=00 Exp #=3784		Rast=120"x120" Step=3"	Pitch=-61", Yaw=-43"
Radio Frequency(MHz)/Flux(sfu):		1415/57 2695/6 4995/13 8800/11			
80/06/04,15:34 Start	DOY=156 Peak	SMM Pointing:	S14W00	Pitch=+221", Yaw=+2", Roll=0deg	H.Ang=13deg
G0ES 15:33:40	15:34:05	End times			
HXRBS 15:33:40	15:34:05	Peak....c/s=128	Qual=06 Qual=01 Tot Cts=1558	MaxkeV=125	
80/06/04,17:45 Start	DOY=156 Peak	SMM Pointing:	S09W65	Pitch=+147", Yaw=-850", Roll=0deg	H.Ang=66deg
Optical		Ha...Class=S8	S12W69	Mac.=EKI Carr.Lon.=120deg	H.Ang=69deg
G0ES 17:37	17:45	Importance=C7	Qual=02		
HXRBS 17:38:00	17:38:10	Peak...c/s=131	Qual=01	MaxkeV=54 FePeak.c/s=15 #Peaks=1 XEN=15629	
BCS 17:38	17:38	CaPeak.c/s=35	Qual=2	Rast=0"x0" Cad=3840s	3840s/pixel
FCS 17:38	17:38	Peak3..c/s=16			
HXIS 17:39	17:39	Peak...c/s=80			
Radio Frequency(MHz)/Flux(sfu):		245/120 410/31 2695/3 4995/40 8800/66			
80/06/04,18:47 Start	DOY=156 Peak	SMM Pointing:	S09W65	Pitch=+147", Yaw=-850", Roll=0deg	H.Ang=66deg
G0ES 18:41	18:47	End times			
BCS 18:41	18:47	CaPeak.c/s=27	Qual=00	FePeak.c/c/s=8 dt=6.1s XEN=15635	
FCS 18:50	18:47	Peak3..c/s=361 WaveLength=1397A	Qual=4	Rast=180"x180" Step=15" Cad=147s 1.024s/pixel	
UVSP 18:50	18:50			Rast=4"x4" Step=0" Pitch=+91", Yaw=-913"	
80/06/04,20:59 Start	DOY=156 Peak	SMM Pointing:	S11W71	Pitch=+179", Yaw=-877", Roll=0deg	H.Ang=71deg
G0ES 20:51	20:59	End times			
HXRBS 20:57:45	20:58:05	Importance=C1	Qual=03		
UVSP 20:51	20:58:05	Peak...c/s=80	Qual=01	Step=4" Pitch=+160", Yaw=-866"	
	20:51	WaveLength=1401A Code=00 Exp #=3793			
80/06/04,21:54 Start	DOY=156 Peak	SMM Pointing:	S11W71	Pitch=+179", Yaw=-877", Roll=0deg	H.Ang=71deg
G0ES 21:54	21:54	End times			
BCS 21:54	21:54	CaPeak.c/s=19	Qual=00	FePeak.c/c/s=9 #Peaks=1 XEN=15630	
UVSP 21:55	21:55	WaveLength=1397A	Qual=1	Rast=4"x4" Step=0" Pitch=+160", Yaw=-866"	
80/06/04,21:57 Start	DOY=156 Peak	SMM Pointing:	S11W71	Pitch=+179", Yaw=-877", Roll=0deg	H.Ang=71deg
G0ES 21:55	21:57	End times			
BCS 21:55	21:57	Importance=C2	Qual=01		XEN=15631
FCS 21:56	21:56	CaPeak.c/s=29	Qual=1	Cad=147s 1.024s/pixel	
UVSP 21:55	21:58	Peak3..c/s=138		Pitch=+160", Yaw=-866"	
	21:58	WaveLength=1397A Code=00 Exp #=3794			

Event # = 20197														
80/06/04, 22:37	DOY=156	SMM Pointing:		S11W73	Pitch=+180", Yaw=-887", Roll=0deg		H. Ang=73deg							
GOES 22:33	Peak 22:37	End times 22:54	Importance=C2	Qual=03										
BCS 22:42	22:42	22:42	CaPeak.c/s=31	Qual=1	FePeak=22:42	#Peaks=1	XEN=15633							
UVSP 22:27			Wavelength=1401A	Code=00	Exp #=3797	Step=4"	Pitch=+160", Yaw=-876"							
80/06/05 DOY=157														
Event # = 643														
80/06/05, 00:30	DOY=157	SMM Pointing:		S11W73	Pitch=+181", Yaw=-888", Roll=0deg		H. Ang=73deg							
Optical		End times	Ha...Class=SF	S15E54										
GOES 00:21	00:30	00:46	Importance=M1	Qual=03	AR2490	Mac.=EKI	H. Ang=55deg							
HXRBS 00:21:50	00:26:10	00:33:40	Peak...c/s=190	Qual=01	Tot Cts=28700	MaxkeV=54								
BCS 23:29	00:25	00:33	CaPeak.c/s=87	Qual=1	FePeak=00:25	FePeak.c/s=13	#Peaks=3	dt= 6.1s	XEN=15634					
FCS	23:58		Peak3...c/s=181			Rast=0"x0"	Step=0"	Cad=3840s/pixel						
HXIS	00:23		Peak...c/s=189				Step=4"	Pitch=+158", Yaw=-897"						
UVSP	00:20		Wavelength=1401A	Code=00	Exp #=3803	Rast=20"x20"								
Radio	Frequency(MHz)/Flux(sfu): 606/15 1415/8 2695/12 8800/17													
Event # = 644														
80/06/05, 01:29	DOY=157	SMM Pointing:		S11W74	Pitch=+182", Yaw=-893", Roll=0deg		H. Ang=74deg							
GOES 01:20	01:29	01:40	Importance=C5	Qual=01										
HXRBS 01:28:30	01:29:25	01:30:00	Peak...c/s=109	Qual=01	Tot Cts=1496	MaxkeV=54								
BCS 01:05	01:29	02:09	CaPeak.c/s=139	Qual=1	FePeak=01:29	FePeak.c/s=21	#Peaks=1	dt= 1.0s	XEN=15700					
FCS	01:30		Peak3...c/s=474			Rast=0"x0"	Step=0"	Cad=3840s/pixel						
HXIS	01:29		Peak...c/s=277				Step=4"	Pitch=+162", Yaw=-899"						
UVSP	01:21		Wavelength=1401A	Code=00	Exp #=3806	Rast=20"x20"								
Event # = 645														
80/06/05, 02:47	DOY=157	SMM Pointing:		S11W74	Pitch=+182", Yaw=-893", Roll=0deg		H. Ang=74deg							
GOES 02:42	02:47	02:53	Importance=C3	Qual=01										
HXRBS 02:46:50	02:47:00	02:47:00	Peak...c/s=92	Qual=01		MaxkeV=125								
UVSP 02:41			Wavelength=1397A	Code=00	Exp #=3809	Rast=4"x4"	Step=0"	Pitch=+164", Yaw=-903"						
Event # = 20231														
80/06/05, 03:43	DOY=157	SMM Pointing:		S11W75	Pitch=+183", Yaw=-898", Roll=0deg		H. Ang=75deg							
GOES 03:30	Peak 03:43	End times 03:57	Importance=C5	Qual=02										
HXIS	03:42		Peak...c/s=229											
UVSP 03:31			Wavelength=1401A	Code=00	Exp #=3813	Rast=20"x20"	Step=4"	Pitch=+188", Yaw=-897"						
Event # = 646														
80/06/05, 04:22	DOY=157	SMM Pointing:		S11W79	Pitch=+187", Yaw=-910", Roll=0deg		H. Ang=79deg							
Optical		End times	Ha...Class=IF	S10W74										
GOES 04:15	04:22	04:29	Importance=C5	Qual=01	AR2478	Mac.=EKI	H. Ang=74deg							
HXRBS 04:19:30	04:22:00	04:23:00	Peak...c/s=85	Qual=01		MaxkeV=54								
BCS 04:17	04:21	05:21	CaPeak.c/s=95	Qual=1	FePeak=04:22	FePeak.c/s=23	#Peaks=3	dt= 6.1s	XEN=15701					
FCS	04:22		Peak3...c/s=361			Rast=0"x0"	Step=0"	Cad=3840s/pixel						
HXIS	04:21		Peak...c/s=192				Step=0"	Pitch=+189", Yaw=-899"						
UVSP	04:17		Wavelength=1397A	Code=00	Exp #=3814	Rast=4"x4"								

Event # = 20232									
80/06/05,07:43	DOY=157	End times	SMM Pointing:	S11W77	Pitch=+186", Yaw=-904", Roll=0deg	H.Ang=77deg			
GOES 07:34	Peak 07:43	08:02	Importance=C4	Qual=01					
HXIS 07:46			Peak...c/s=88						
UVSP 07:38			Wavelength=1401A	Code=00	Rast=240"x240" Step=4" Pitch=+142", Yaw=-964"				
Event # = 20233									
80/06/05,08:16	DOY=157	End times	SMM Pointing:	S11W77	Pitch=+186", Yaw=-904", Roll=0deg	H.Ang=77deg			
GOES 08:10	Peak 08:16	08:21	Importance=C1	Qual=01					
HXIS 08:16			Peak...c/s=80						
UVSP 08:01			Wavelength=1401A	Code=00	Rast=20"x20" Step=4" Pitch=+160", Yaw=-911"				
Event # = 20234									
80/06/05,09:07	DOY=157	End times	SMM Pointing:	S11W80	Pitch=+187", Yaw=-914", Roll=0deg	H.Ang=80deg			
GOES 08:50	Peak 09:07	09:20	Importance=C6	Qual=05					
BCS 09:04	09:07	10:09	CaPeak.c/s=75	Qual= 4	FePeak=09:07				
FCS 09:07	09:07		Peak3...c/s=206		dt= 6.1s XEN=15705				
HXIS 09:05	09:05		Peak...c/s=144		Rast=0"x0" Cad=3840s				
UVSP 09:05			Wavelength=1637A	Code=00	Rast=180"x1" Step=0" Pitch=+210", Yaw=-860"				
Event # = 653									
80/06/05,09:55	DOY=157	End times	SMM Pointing:	S11W80	Pitch=+187", Yaw=-914", Roll=0deg	H.Ang=80deg			
GOES 09:52	Peak 09:55	10:01	Importance=C7	Qual=01					
HXRBS 09:54:10	09:54:40	09:55:10	Peak...c/s=95	Qual=01	MaxkeV=54				
HXIS 10:42	09:55		Peak...c/s=120		Rast=180"x1" Step=0" Pitch=+212", Yaw=-863"				
UVSP 10:42			Wavelength=1544A		Exp #=3832				
Event # = 20200									
80/06/05,10:44	DOY=157	End times	SMM Pointing:	S11W80	Pitch=+187", Yaw=-914", Roll=0deg	H.Ang=80deg			
GOES 10:40	Peak 10:44	10:51	CaPeak.c/s=23	Qual=00					
BCS 10:42	10:42		Peak3...c/s=150	Qual= 1	FePeak=10:44				
UVSP 10:42			Wavelength=1544A		dt= 6.1s XEN=15706				
Event # = 20203									
80/06/05,10:57	DOY=157	End times	SMM Pointing:	S11W80	Pitch=+187", Yaw=-914", Roll=0deg	H.Ang=80deg			
GOES 10:57	Peak 10:57	10:57	CaPeak.c/s=24	Qual=00					
BCS 10:42	10:57		Wavelength=1544A	Qual= 1	FePeak=10:57				
UVSP 10:42					dt= 6.1s XEN=15711				
Event # = 654									
80/06/05,11:40	DOY=157	End times	SMM Pointing:	S11W80	Pitch=+187", Yaw=-914", Roll=0deg	H.Ang=80deg			
Optical 11:34	Peak 11:40	11:44	Ha...Class=SB	S14E44	Mac.=EK1 Carr. Lon.=357deg	H.Ang=46deg			
GOES 11:34	11:40	11:44	Importance=M1	Qual=03					
HXRBS 11:35:40	11:36:10	11:39:10	Peak...c/s=120	Qual=01	MaxkeV=54				
BCS 11:27	11:38	11:45	CaPeak.c/s=178	Qual= 1	FePeak.c/s=48				
FCS 11:41	11:41		Peak3...c/s=636		dt= 6.1s XEN=15712				
HXIS 11:39	11:39		Peak...c/s=445		Step=15" Cad=16.4s				
UVSP 12:18			Wavelength=1544A		Rast=60"x60" Step=0" Pitch=+212", Yaw=-865"				

Event # = 655	80/06/05, 12:23	Start	DOY=157	Peak	End times	SMM Pointing:	S12W80	Pitch=+191", Yaw=-915", Roll=0deg	H. Ang=81deg
GOES	12:22	12:23	12:23	12:33	12:33	Importance=C6	Qual=04		
HXRBS	12:24	12:25	12:25	12:30	12:30	Peak...c/s=90	Qual=01		
BCS	12:20	12:25	12:25	12:32	12:32	CaPeak.c/s=76	Qual=1	#Peaks=1 Step=0"	dt= 6.1s XEN=15724 3840s/pixel
FCS	12:25	12:25	12:25	12:35	12:35	Peak3...c/s=135			
HXIS	12:18	12:24	12:24	12:35	12:35	Peak...c/s=136			
UVSP	12:18	12:24	12:24	12:35	12:35	Wavelength=1544A	Code=00	Rast=180"x1" Step=0"	Pitch=+212", Yaw=-865"
Event # = 20204	80/06/05, 12:40	Start	DOY=157	Peak	End times	SMM Pointing:	S12W80	Pitch=+191", Yaw=-915", Roll=0deg	H. Ang=81deg
GOES	12:33	12:33	12:40	13:13	13:13	Importance=M1	Qual=02		
BCS	12:33	12:33	12:34	12:34	12:34	CaPeak.c/s=22	Qual=2	#Peaks=1 Step=0"	XEN=15725 3840s/pixel
FCS	12:18	12:35	12:35	12:35	12:35	Peak3...c/s=100		Rast=180"x1" Step=0"	Pitch=+212", Yaw=-865"
UVSP	12:18	12:35	12:35	12:35	12:35	Wavelength=1544A	Code=01		
Event # = 656	80/06/05, 13:15	Start	DOY=157	Peak	End times	SMM Pointing:	S12W80	Pitch=+191", Yaw=-915", Roll=0deg	H. Ang=81deg
GOES	13:13	13:13	13:15	13:21	13:21	Importance=C5	Qual=01		
HXRBS	13:14	13:14	13:14	13:14	13:14	Peak...c/s=98	Qual=01		
BCS	13:13	13:13	13:15	13:18	13:18	CaPeak.c/s=65	Qual=1	#Peaks=1 Step=0"	XEN=15722 3840s/pixel
FCS	13:14	13:14	13:14	13:14	13:14	Peak3...c/s=110			
HXIS	12:18	13:14	13:14	13:14	13:14	Peak...c/s=176		Rast=180"x1" Step=0"	Pitch=+212", Yaw=-865"
UVSP	12:18	13:14	13:14	13:14	13:14	Wavelength=1544A	Associated		
BCS	13:09	13:11	13:11	13:12	13:12	CaPeak.c/s=22	Qual=1	#Peaks=1 Step=0"	XEN=15726 3840s/pixel
FCS	13:11	13:11	13:11	13:11	13:11	Peak3...c/s=76			
Event # = 657	80/06/05, 14:01	Start	DOY=157	Peak	End times	SMM Pointing:	N00W00	Pitch=+0", Yaw=-1", Roll=0deg	H. Ang=0deg
GOES	13:57	14:01	14:01	14:05	14:05	Importance=C4	Qual=01		
HXRBS	13:59	14:00	14:00	14:01	14:01	Peak...c/s=170	Qual=01	MaxkeV=125	
Event # = 658	80/06/05, 20:29	Start	DOY=157	Peak	End times	SMM Pointing:	S14E40	Pitch=-229", Yaw=-587", Roll=180deg	H. Ang=42deg
Optical	20:25	20:29	20:29	20:33	20:33	Ha...Class=SF	S10W79	Mac.=EKI	H. Ang=79deg
GOES	20:25	20:29	20:29	20:33	20:33	Importance=C3	Qual=01		
HXRBS	20:27	20:28	20:28	20:29	20:29	Peak...c/s=132	Qual=01	MaxkeV=54	
UVSP	20:25	20:25	20:25	20:25	20:25	Wave length=1548A	Code=00	Rast=240"x240"	Pitch=-288", Yaw=-634"
HXRBS	20:31	20:32	20:32	20:32	20:32	Associated	Qual=01	Step=3"	
UVSP	20:25	20:25	20:25	20:25	20:25	Peak...c/s=105		MaxkeV=125	
Event # = 660	80/06/05, 20:40	Start	DOY=157	Peak	End times	SMM Pointing:	S14E40	Pitch=-229", Yaw=-587", Roll=180deg	H. Ang=42deg
Optical	20:35	20:40	20:40	20:53	20:53	Ha...Class=SF	S10W79	Mac.=EKI	H. Ang=79deg
GOES	20:35	20:40	20:40	20:53	20:53	Importance=C2	Qual=01		
HXRBS	20:39	20:40	20:40	20:40	20:40	Peak...c/s=104	Qual=01	MaxkeV=54	
UVSP	20:25	20:25	20:25	20:25	20:25	Wavelength=1548A	Code=00	Rast=240"x240"	Pitch=-288", Yaw=-634"

Event # = 661									
80/06/05,22:23		DOY=157	Start	End times	SMM Pointing:	S14E38	Pitch=-228", Yaw=-567", Roll=180deg	H. Ang=40deg	
GOES 22:18		22:23	Peak	22:25	Importance=C1	Qual=01			
HXRBS 22:21:10		22:21:20		22:21:40	Peak...c/s=88	Qual=01			
UVSP 22:16					Wavelength=3092A	Code=00	Exp #=3844	Pitch=-288", Yaw=-610"	
Event # = 662									
80/06/05,22:34		DOY=157	Start	End times	SMM Pointing:	S14E38	Pitch=-228", Yaw=-567", Roll=180deg	H. Ang=40deg	
Optical					Ha...Class=SF	S10W80	Mac.=EK1	Carr. Lon.=115deg	H. Ang=80deg
GOES 22:25		22:34	22:50	22:50	Importance=C3	Qual=01			
HXRBS 22:30:05		22:30:20	22:33:25	22:33:25	Peak...c/s=164	Qual=01	MaxkeV=125		
UVSP 22:32					Wavelength=1548A	Code=00	Exp #=3845	Pitch=-221", Yaw=-593"	
Event # = 663									
80/06/05,23:45		DOY=157	Start	End times	SMM Pointing:	S10W80	Pitch=-165", Yaw=+919", Roll=180deg	H. Ang=80deg	
Optical					Ha...Class=IN	S13E35	Mac.=EK1	Carr. Lon.=359deg	H. Ang=37deg
GOES 23:40		23:45	23:56	23:56	Importance=C3	Qual=01			
HXRBS 23:39:30		23:39:40	23:39:50	23:39:50	Peak...c/s=131	Qual=01	MaxkeV=54		
HXIS 23:38		23:49			Peak...c/s=53				
UVSP 23:38					Wavelength=1546A	Code=00	Exp #=3847	Pitch=-223", Yaw=+871"	
Radio		Frequency(MHz)/Flux(sfu):	15400/71		Associated Event # = 664	Qual=01	Tot Cts=3017	Flags=ND	
HXRBS 23:40:20		23:42:30	23:44:00	23:44:00	Peak...c/s=96				
Event # = 665									
80/06/06,00:07		DOY=158	Start	End times	SMM Pointing:	S10W80	Pitch=-165", Yaw=+919", Roll=180deg	H. Ang=80deg	
GOES 00:03		00:07	00:12	00:12	Importance=C3	Qual=01			
HXRBS 00:03:35		00:05:20	00:06:21	00:06:21	Peak...c/s=81	Qual=01	MaxkeV=54		
HXIS 00:05		00:05			Peak...c/s=171				
UVSP 23:38					Wavelength=1546A	Code=00	Exp #=3847	Pitch=-223", Yaw=+871"	
Event # = 666									
80/06/06,00:19		DOY=158	Start	End times	SMM Pointing:	S10W80	Pitch=-165", Yaw=+919", Roll=180deg	H. Ang=80deg	
GOES 00:16		00:19	00:32	00:32	Importance=C3	Qual=01			
HXRBS 00:18:40		00:19:20	00:20:14	00:20:14	Peak...c/s=100	Qual=01	MaxkeV=54		
HXIS 00:19		00:20			Peak...c/s=152				
UVSP 23:38					Wavelength=1546A	Code=00	Exp #=3847	Pitch=-223", Yaw=+871"	
Event # = 667									
80/06/06,01:43		DOY=158	Start	End times	SMM Pointing:	S10W85	Pitch=-164", Yaw=+929", Roll=180deg	H. Ang=85deg	
GOES 01:40		01:43	01:50	01:50	Importance=C2	Qual=01			
HXRBS 01:40:45		01:41:20	01:42:12	01:42:12	Peak...c/s=166	Qual=01	Tot Cts=3021		
UVSP 01:14					Wavelength=1546A	Code=00	Exp #=3849	Pitch=-223", Yaw=+871"	
Radio		Frequency(MHz)/Flux(sfu):	1415/2	2695/11	4995/19	8800/15			

Event # = 20235	DOY=158	SMM Pointing:	S10W85	Pitch=-164", Yaw=+929", Roll=180deg	H.Ang=85deg
80/06/06, 01:54	Start	End times			
GOES 01:50	Peak	02:15	Importance=C2		
BCS 01:52	01:54	02:02	CaPeak.c/s=51	FePeak.c/s=11 #Peaks=1 dt= 6.1s	XEN=15809
HXIS 01:53	01:53		Peak...c/s=99	Rast=240"x240" Step=3" Pitch=-223", Yaw=+871"	
UVSP 01:14			Wavelength=1546A Code=00 Exp #=3849		
Event # = 668	DOY=158	SMM Pointing:	S10W85	Pitch=-164", Yaw=+929", Roll=180deg	H.Ang=85deg
80/06/06, 02:47	Start	End times			
GOES 02:43	Peak	02:50	Importance=C4		
HXRBS 02:44:30	02:47	02:48:17	Peak...c/s=177	MaxkeV=125	
BCS 02:39	02:46:00	02:48	CaPeak.c/s=33	FePeak.c/s=9 #Peaks=1 dt= 6.1s	XEN=15810
HXIS 02:43	02:43		Peak...c/s=80	Rast=3"x3" Step=0" Pitch=-223", Yaw=+873"	
UVSP 02:44			Wavelength=1542A Code=00 Exp #=3850		
Event # = 20209	DOY=158	SMM Pointing:	S10W85	Pitch=-164", Yaw=+929", Roll=180deg	H.Ang=85deg
80/06/06, 03:04	Start	End times			
GOES 03:01	Peak	03:06	Importance=C2		
BCS 03:03	03:04	03:04	CaPeak.c/s=19	FePeak.c/s=6 #Peaks=1 dt= 6.1s	XEN=15811
UVSP 02:49	03:03		Wavelength=1546A Code=00 Exp #=3851	Rast=240"x240" Step=3" Pitch=-223", Yaw=+873"	
Event # = 20216	DOY=158	SMM Pointing:	S10W85	Pitch=-164", Yaw=+929", Roll=180deg	H.Ang=85deg
80/06/06, 03:21	Start	End times			
GOES 03:17	Peak	03:25	Importance=C2		
BCS 03:19	03:21	03:25	CaPeak.c/s=29	FePeak.c/s=11 #Peaks=1 dt= 6.1s	XEN=15812
UVSP 02:49	03:22		Wavelength=1546A Code=00 Exp #=3851	Rast=240"x240" Step=3" Pitch=-223", Yaw=+873"	
Event # = 20236	DOY=158	SMM Pointing:	S10W85	Pitch=-164", Yaw=+929", Roll=180deg	H.Ang=85deg
80/06/06, 03:33	Start	End times			
GOES 03:25	Peak	03:41	Importance=C2		
BCS 03:26	03:33	03:39	CaPeak.c/s=60	FePeak.c/s=11 #Peaks=3 dt= 6.1s	XEN=15813
HXIS 03:31	03:33		Peak...c/s=112	Rast=240"x240" Step=3" Pitch=-223", Yaw=+873"	
UVSP 02:49	03:31		Wavelength=1546A Code=00 Exp #=3851		
Event # = 669	DOY=158	SMM Pointing:	S10W85	Pitch=-164", Yaw=+929", Roll=180deg	H.Ang=85deg
80/06/06, 03:46	Start	End times			
GOES 03:42	Peak	03:49	Importance=C3		
HXRBS 03:41:21	03:46	03:45:26	Peak...c/s=216	MaxkeV=54	
UVSP 02:49	03:44:18		Wavelength=1546A Code=01 Exp #=3851	Rast=240"x240" Step=3" Pitch=-223", Yaw=+873"	
Event # = 670	DOY=158	SMM Pointing:	S10W88	Pitch=-165", Yaw=+932", Roll=180deg	H.Ang=88deg
80/06/06, 04:35	Start	End times			
GOES 04:26	Peak	04:39	Importance=C2		
HXRBS 04:34:42	04:35	04:35:02	Peak...c/s=91	MaxkeV=54	
BCS 04:27	04:35	04:39	CaPeak.c/s=46	FePeak.c/s=11 #Peaks=3 dt= 6.1s	XEN=15802
HXIS 04:24	04:35		Peak...c/s=99	Rast=240"x240" Step=3" Pitch=-223", Yaw=+873"	
UVSP 04:24	04:35		Wavelength=1546A Code=00 Exp #=3853		

Event # = 20217									
80/06/06,04:41	DOY=158	End times	SMM Pointing:	S10W88		Pitch=-165", Yaw=+932", Roll=180deg	H. Ang=88deg		
GOES	Peak								
BCS	04:41	04:45	CaPeak.c/s=19	Qual=00					
UVSP	04:24		WaveLength=1546A	Qual=1	FePeak=04:41	FePeak.c/s=9	#Peaks=1	XEN=15804	
					Exp	Step=3"	Pitch=-223", Yaw=+873"		
Event # = 671									
80/06/06,04:59	DOY=158	End times	SMM Pointing:	S10W88		Pitch=-165", Yaw=+932", Roll=180deg	H. Ang=88deg		
GOES	Peak								
HXRBS	04:55	05:08	Importance=C2	Qual=01					
BCS	04:56:30	04:58:01	Peak...c/s=79	Qual=01					
HXIS	04:56	05:10	CaPeak.c/s=48	Qual=1	FePeak=04:58	Maxkev=54	#Peaks=2	dt= 6.1s	XEN=15806
UVSP	04:58		Peak...c/s=80		Exp	Step=3"	Pitch=-223", Yaw=+873"		
	04:24		WaveLength=1546A	Code=00					
Event # = 20237									
80/06/06,06:44	DOY=158	End times	SMM Pointing:	S10W88		Pitch=-165", Yaw=+932", Roll=180deg	H. Ang=88deg		
GOES	Peak								
HXIS	06:31	07:09	Importance=C2	Qual=01					
UVSP	06:44		Peak...c/s=123						
	06:02		WaveLength=1546A	Code=00	Exp	Step=4"	Pitch=-189", Yaw=+925"		
Event # = 672									
80/06/06,09:53	DOY=158	End times	SMM Pointing:			Pitch=-164", Yaw=+934", Roll=180deg			
GOES	Peak								
HXRBS	09:52	09:55	Importance=C3	Qual=01					
UVSP	09:51:45	09:52:29	Peak...c/s=194	Qual=01	Tot Cts=2384	Maxkev=125			
Radio	09:44		WaveLength=1546A	Code=00	Exp	Step=4"	Pitch=-201", Yaw=+927"		
			Frequency(MHz)/Flux(sfu):	245/3200 410/49 606/19					
Event # = 20238									
80/06/06,10:52	DOY=158	End times	SMM Pointing:			Pitch=-164", Yaw=+934", Roll=180deg			
GOES	Peak								
HXIS	10:33	10:59	Importance=C2	Qual=01					
	10:42		Peak...c/s=80						
Event # = 673									
80/06/06,11:30	DOY=158	End times	SMM Pointing:			Pitch=-164", Yaw=+934", Roll=180deg			
Optical	Start								
GOES	11:21	11:35	Ha...Class=SF	S13E31	AR2490	Mac.=DKI	Carr. Lon.=357deg	H. Ang=33deg	
HXRBS	11:25:40	11:30:20	Importance=C2	Qual=01					
UVSP	11:26:34		Peak...c/s=250	Qual=01	Tot Cts=2877	Maxkev=125			
Radio			Frequency(MHz)/Flux(sfu):	245/2300 410/170 606/340			Pitch=-232", Yaw=+867"		
Event # = 674									
80/06/06,11:44	DOY=158	End times	SMM Pointing:			Pitch=-164", Yaw=+934", Roll=180deg			
Optical	Start								
GOES	11:40	11:48	Ha...Class=SB	S14E28	AR2490	Mac.=DKI	Carr. Lon.=360deg	H. Ang=31deg	
HXRBS	11:42:25	11:43:00	Importance=C3	Qual=01					
GRS	11:42:26	11:42:42	Peak...c/s=8466	Qual=01	Tot Cts=47208	Maxkev=482	Flags=M, FS		
UVSP			Max.E..Mev= 0.5		Nuclear.Line=N	>10MeV=N			
Radio			Type/Intensity:	III/3			Pitch=-232", Yaw=+867"	Dur=16sec	
			Frequency(MHz)/Flux(sfu):	245/33000 410/140 606/27 1415/22 2695/20 4995/24 8800/64 15400/260					

Event # = 675				Pitch=-164" , Yaw=+934" , Roll=180deg			
80/06/06,12:10	DOY=158	SMM Pointing:					
Start	Peak	End times					
GOES 12:08	12:10	12:20	Qual=05				
HXRBS 12:17:02	12:17:18	12:17:22	Importance=C2				
UVSP			Peak...c/s=74				
				Pitch=-232" , Yaw=+867"			
				MaxkeV=125			
Event # = 676				Pitch=-248" , Yaw=-437" , Roll=180deg			
80/06/06,14:01	DOY=158	SMM Pointing:		H. Ang=32deg			
Start	Peak	End times					
Optical			S15E29				
GOES 13:57	14:01	14:55	Ha...Class=SN				
HXRBS 13:55:30	13:56:40	14:02:30	Importance=C4				
BCS 13:55	14:02	14:10	Peak...c/s=116				
HXIS	14:01		CaPeak.c/s=79				
UVSP			Peak...c/s=176				
Radio	Frequency(MHz)/Flux(sfu): 2695/25 4995/14			Pitch=-62" , Yaw=-43"			
Event # = 677				Pitch=-166" , Yaw=+931" , Roll=180deg			
80/06/06,15:52	DOY=158	SMM Pointing:		H. Ang=87deg			
Start	Peak	End times					
Optical			S10W87				
GOES 15:47	15:52	16:11	Ha...Class=SN				
HXRBS 15:50:40	15:52:20	15:52:50	Importance=C3				
UVSP			Peak...c/s=296				
Radio	Frequency(MHz)/Flux(sfu): 2695/17 4995/12 8800/19			Pitch=-231" , Yaw=+867"			
Event # = 678				Pitch=-163" , Yaw=+936" , Roll=180deg			
80/06/06,17:24	DOY=158	SMM Pointing:		Mac.=DAI			
Start	Peak	End times					
Optical			AR2495				
GOES 17:20	17:24	17:29	Qual=01				
HXRBS 17:10:30	17:22:10	17:35:04	Importance=C5				
Radio	Frequency(MHz)/Flux(sfu): 245/480 410/320 606/86 1415/20 2695/20 8800/40 15400/18			MaxkeV=125			
Event # = 20239				Pitch=-163" , Yaw=+936" , Roll=180deg			
80/06/06,18:34	DOY=158	SMM Pointing:		FePeak.c/s=16			
Start	Peak	End times		Rast=0" X0"			
GOES 18:29	18:34	18:41	Qual=05	Cad=.26s			
BCS 18:38	18:38	18:50	Importance=C6	XEN=15800			
FCS			CaPeak.c/s=111	0.256s/pixel			
HXIS	18:37		Peak...c/s=224				
Event # = 20240				Pitch=-164" , Yaw=+932" , Roll=180deg			
80/06/06,20:43	DOY=158	SMM Pointing:		H. Ang=88deg			
Start	Peak	End times					
Optical			S10W88				
GOES 20:33	20:43	21:03	Ha...Class=SN				
HXRBS			Ha...Class=SN				
UVSP			Importance=C2				
				Peak...c/s=68			
				Pitch=-231" , Yaw=+867"			

Event #	Start	End times	SMM Pointing:	Qual=05	Pitch=-165", Yaw=+937", Roll=180deg
80/06/06, 21:53	DOY=158	Peak	Importance=C2		
GOES 21:40	21:53	22:09	Peak...c/s=88		
HXIS 21:50					
UVSP					Pitch=-231", Yaw=+867"
Event # = 20242					
80/06/06, 22:20	DOY=158	Peak	Importance=C2	Qual=01	Pitch=-165", Yaw=+937", Roll=180deg
GOES 22:10	22:20	22:36	Peak...c/s=61		
HXIS 22:20					
Event # = 20243					
80/06/06, 23:24	DOY=158	Peak	Importance=C2	Qual=05	Pitch=-165", Yaw=+937", Roll=180deg
GOES 23:19	23:24	23:30	Peak...c/s=83		
HXIS 23:24			Wavelength=1541A	Code=02	Rast=3"x3" Step=0" Pitch=-231", Yaw=+867"
UVSP 23:28				Exp #=3872	
Event # = 679					
80/06/06, 23:35	DOY=158	Peak	Importance=C3	Qual=01	Pitch=-251", Yaw=-368", Roll=180deg
GOES 23:32	23:35	23:37	Peak...c/s=3558	Qual=01	
HXRBS 23:34:15	23:34:47	23:35:48	Wavelength=1546A	Code=00	MaxkeV=258
UVSP 23:33			V/2	Exp #=3873	Rast=120"x120" Step=3" Pitch=-315", Yaw=-413"
Radio Sweeps	Type/Intensity:				
Radio Frequency(MHz)/Flux(sfu):	245/4700	410/130	606/60	1415/63	15400/64
Event # = 680					
80/06/06, 23:40	DOY=158	Peak	Importance=C2	Qual=01	Pitch=-251", Yaw=-368", Roll=180deg
Optical					
GOES 23:37	23:40	23:47	Ha...Class=1N	Qual=01	Mac.=DKI
HXRBS 23:44:33	23:45:01	23:46:07	Importance=C2	Qual=01	Carr.Lon.=346deg
UVSP 23:33			Peak...c/s=102	Code=00	MaxkeV=54
Radio Frequency(MHz)/Flux(sfu):	245/480		Wavelength=1546A	Code=00	Rast=120"x120" Step=3" Pitch=-315", Yaw=-413"
Event # = 681					
80/06/06, 23:49	DOY=158	Peak	Importance=C1	Qual=01	Pitch=-251", Yaw=-368", Roll=180deg
GOES 23:47	23:49	23:57	Importance=C1	Qual=01	MaxkeV=54
HXRBS 23:48:31	23:49:14	23:49:36	Peak...c/s=74	Code=00	Rast=120"x120" Step=3" Pitch=-315", Yaw=-413"
UVSP 23:33			Wavelength=1546A	Code=00	Flags=ND
Event # = 682					
80/06/07, 00:33	DOY=159	Peak	Importance=C1	Qual=02	Pitch=-251", Yaw=-368", Roll=180deg
GOES 00:25	00:33	00:38	Importance=C1	Qual=01	MaxkeV=54
HXRBS 00:27:19	00:27:26	00:27:40	Peak...c/s=85	Code=01	Rast=120"x120" Step=3" Pitch=-315", Yaw=-413"
UVSP 23:33			Wavelength=1546A	Code=01	Exp #=3873

Event # = 20244									
80/06/07,05:03	DOY=159	End times	SMM Pointing:	S15E22				Pitch=-246", Yaw=-344", Roll=180deg	H. Ang=27deg
Start	Peak								
G0ES 04:59	05:03	05:07	Importance=C2	Qual=01					
BCS 05:01	05:03	05:06	CaPeak.c/s=40	Qual= 1	FePeak=05:03			FePeak.c/s=10 #Peaks=1 dt= 3.0s XEN=15903	
FCS								Rast=0"x0" Cad=.26s	0.256s/pixel
HXIS	05:01		Peak...c/s=84					Rast=120"x120" Step=3" Pitch=-316", Yaw=-386"	
UVSP 04:22			Wavelength=1366A	Code=00	Exp #=3880				
Event # = 689									
80/06/07,05:54	DOY=159	End times	SMM Pointing:	S15E20				Pitch=-246", Yaw=-315", Roll=180deg	H. Ang=25deg
Start	Peak								
G0ES									
HXRBS 05:54:02	05:54:17	05:54:49	Peak...c/s=97	Qual=06	Tot Cts=255			MaxkeV=125	
UVSP 05:52			Wavelength=1385A	Qual=01	Exp #=3881			Rast=3"x3"	Step=0" Pitch=-316", Yaw=-386"
Radio			Frequency(MHz)/Flux(sfu):	245/700					
Event # = 690									
80/06/07,06:16	DOY=159	End times	SMM Pointing:	S15E20				Pitch=-246", Yaw=-315", Roll=180deg	H. Ang=25deg
Start	Peak								
G0ES 06:12	06:16	06:21	Importance=C1	Qual=01				MaxkeV=125	
HXRBS 06:15:15	06:15:34	06:16:06	Peak...c/s=163	Qual=01	Tot Cts=2553			FePeak.c/s=10 #Peaks=1	XEN=15905
BCS 06:16	06:16	06:16	CaPeak.c/s=21	Qual= 1	FePeak=06:16			Rast=240"x240" Cad= 147s	1.024s/pixel
FCS			Peak3...c/s=121					Rast=120"x120" Step=3" Pitch=-316", Yaw=-360"	
UVSP 05:57			Wavelength=1391A	Code=00	Exp #=3882				
Event # = 691									
80/06/07,07:26	DOY=159	End times	SMM Pointing:	S15E20				Pitch=-246", Yaw=-315", Roll=180deg	H. Ang=25deg
Start	Peak								
Optical								Mac.=DAO	Carr. Lon.=93deg H. Ang=76deg
G0ES 07:22	07:26	07:28	Ha...Class=SN	N13W76	AR2495			MaxkeV=258	Flags=SN, FS
HXRBS 07:25:24	07:25:45	07:27:08	Importance=C4	Qual=05	Tot Cts=4547			Rast=3"x3"	Step=0" Pitch=-316", Yaw=-360"
UVSP 07:27			Peak...c/s=398	Qual=02	Exp #=3884				
Radio			Wavelength=1525A	Code=02					
			Frequency(MHz)/Flux(sfu):	8800/14					
Event # = 20245									
80/06/07,10:18	DOY=159	End times	SMM Pointing:	S15E18				Pitch=-246", Yaw=-288", Roll=180deg	H. Ang=24deg
Start	Peak								
Optical								Mac.=EK1	Carr. Lon.=1deg H. Ang=18deg
G0ES 09:51	10:18	10:32	Importance=C3	S12E14	AR2490			FePeak.c/s=11 #Peaks=1 dt= 3.0s XEN=15906	
BCS 09:52	09:58	10:06	CaPeak.c/s=59	Qual=03	FePeak=09:58			Rast=240"x240" Step=20" Cad= 147s	1.024s/pixel
FCS	09:54		Peak3...c/s=2062	Qual= 1				Rast=120"x120" Step=3" Pitch=-316", Yaw=-332"	
HXIS	10:01		Peak...c/s=115						
UVSP 09:42			Wavelength=1546A	Code=01	Exp #=3887				
Event # = 692									
80/06/07,11:26	DOY=159	End times	SMM Pointing:	S15E18				Pitch=-244", Yaw=-286", Roll=180deg	H. Ang=23deg
Start	Peak								
Optical								Mac.=DAO	
G0ES 11:21	11:26	11:33	Importance=C6	Qual=01	AR2495			MaxkeV=54	Flags=SA
HXRBS 11:23:11	11:25:40	11:26:31	Peak...c/s=103	Qual=02	Tot Cts=7217				

Event # = 700									
80/06/08, 15:42	DOY=160	Peak	SMM Pointing:		S12E01	Pitch=-201", Yaw=-18", Roll=180deg		H. Ang=12deg	
GOES 15:39	15:42	15:45	End times		Qual=01				
HXRBS 15:34:50	15:35:00	15:35:10	Importance=C2		Qual=01				
UVSP			Peak...c/s=84						
Radio	Frequency(MHz)/Flux(sfu):		245/3300 410/18		Pitch=-251", Yaw=+23"				
Event # = 20247									
80/06/08, 17:02	DOY=160	Peak	SMM Pointing:		S12E01	Pitch=-201", Yaw=-18", Roll=180deg		H. Ang=12deg	
Optical			End times						
GOES 16:53	17:02	17:50	Ha...Class=1B		S17E04	Mac.=EKI		H. Ang=18deg	
BCS			Importance=M1		Qual=04	Carr. Lon.=354deg		XEN=16000	
HXIS	17:00		Peak...c/s=419						
UVSP									
Radio	Frequency(MHz)/Flux(sfu):		245/90 410/59 606/32 1415/74 2695/120 4995/57 8800/37 15400/30		Pitch=-251", Yaw=+51"				
Event # = 701									
80/06/08, 19:00	DOY=160	Peak	SMM Pointing:		S12W00	Pitch=-202", Yaw=+5", Roll=180deg		H. Ang=12deg	
Optical			End times		N14W90	Carr. Lon.=87deg		H. Ang=90deg	
GOES 18:10	19:00	20:35	Code=ASR		Qual=03	MaxkeV=54		XEN=16007	
HXRBS 19:00:15	19:00:18	19:00:26	Importance=C2		Qual=01	FePeak.c/s=10		Cad=3840s	
BCS 18:36	19:03	19:40	Peak...c/s=102		Qual=6	Rast=0"x0"		Pitch=-350", Yaw=-134"	
FCS	19:08		CaPeak.c/s=31		Tot Cts=1305		#Peaks=1		
UVSP					FePeak=19:03		Step=0"		
Radio	Sweeps		Type/Intensity:						
Event # = 20218									
80/06/08, 20:14	DOY=160	Peak	SMM Pointing:		S12W01	Pitch=-202", Yaw=+10", Roll=180deg		H. Ang=12deg	
GOES 20:14	20:14	20:53	End times		Qual=00	FePeak=20:14		XEN=16006	
BCS			CaPeak.c/s=24		Qual=5	FePeak.c/s=5		Cad=.26s	
FCS					Rast=0"x0"		Pitch=-339", Yaw=-106"		
UVSP									
Event # = 702									
80/06/09, 00:12	DOY=161	Peak	SMM Pointing:		S12W04	Pitch=-202", Yaw=+63", Roll=180deg		H. Ang=13deg	
Optical			End times		S15W04	Mac.=EKI		H. Ang=16deg	
GOES 00:09	00:12	00:14	Ha...Class=SF		Qual=01	Carr. Lon.=358deg		XEN=16100	
HXRBS 00:11:04	00:11:22	00:12:07	Importance=C1		Qual=01	MaxkeV=125		Pitch=-335", Yaw=-50"	
BCS 00:11	00:11	00:13	Peak...c/s=128		Qual=1	FePeak.c/s=9		#Peaks=1	
UVSP			CaPeak.c/s=27		Qual=1	FePeak.c/s=9		#Peaks=1	
Radio	Sweeps		Type/Intensity:						
Radio	Frequency(MHz)/Flux(sfu):		245/480 410/570 606/460						
Event # = 703									
80/06/09, 01:09	DOY=161	Peak	SMM Pointing:		S12W04	Pitch=-202", Yaw=+63", Roll=180deg		H. Ang=13deg	
GOES 01:08	01:09	01:11	End times		Qual=01	MaxkeV=54		Pitch=-280", Yaw=+10"	
HXRBS 01:08:01	01:08:18	01:08:50	Importance=C1		Qual=01	Rast=240" x240"		Step=3"	
UVSP 01:08			Peak...c/s=74		Code=00	Exp # = 3973			
Radio	Frequency(MHz)/Flux(sfu):		410/160						

Event # = 704									
80/06/09, 01:14		DOY=161	SMM Pointing:		S12W04	Pitch=-202", Yaw=+63", Roll=180deg		H. Ang=13deg	
Start		End times							
GOES 01:13		01:14	Importance=C1		Qual=01				
HXRBS 01:13:08		01:13:33	Peak...c/s=106		Qual=01				
UVSP 01:08				Wavelength=1546A		Code=00	MaxkeV=125		
Radio Frequency(MHz)/Flux(sfu):		245/1000		410/250				Rast=240"x240" Step=3" Pitch=-280", Yaw=+10"	
Tot Cts=375									
Exp #=3973									
Event # = 705									
80/06/09, 01:43		DOY=161	SMM Pointing:		S12W04	Pitch=-202", Yaw=+63", Roll=180deg		H. Ang=13deg	
Start		End times							
GOES 01:41		01:43	Importance=C1		Qual=01				
HXRBS 01:41:49		01:42:42	Peak...c/s=72		Qual=01				
UVSP 01:27				Wavelength=1548A		Code=00	MaxkeV=54		
						Rast=120"x120" Step=3" Pitch=-340", Yaw=-50"			
				Exp #=3975					
Event # = 706									
80/06/09, 02:52		DOY=161	SMM Pointing:		S12W06	Pitch=-202", Yaw=+91", Roll=180deg		H. Ang=14deg	
Start		End times							
GOES 02:48		02:52	Importance=C1		Qual=01				
HXRBS 02:51:16		02:51:30	Peak...c/s=1102		Qual=01				
BCS 02:51		02:51	CaPeak.c/s=24		Qual=1	MaxkeV=258		Flags=FS	
FCS						FePeak.c/s=16		#Peaks=1	
UVSP 02:51				Wavelength=1542A		Code=00	Rast=0"x0"		XEN=16102
Radio Sweeps				V/3		Rast=3"x3" Step=0"		Cad=.26s 0.256s/pixel	
Radio Frequency(MHz)/Flux(sfu):		245/1900		410/320		606/190		Pitch=-249", Yaw=-77"	
Tot Cts=6073									
FePeak=02:51									
Exp #=3978									
Event # = 707									
80/06/09, 02:57		DOY=161	SMM Pointing:		S12W06	Pitch=-202", Yaw=+91", Roll=180deg		H. Ang=14deg	
Start		End times							
GOES 02:55		02:57	Importance=C1		Qual=01				
HXRBS 02:55:22		02:57:16	Peak...c/s=174		Qual=01				
BCS 02:57		02:57	CaPeak.c/s=25		Qual=1	MaxkeV=125		Flags=M	
FCS						FePeak.c/s=11		#Peaks=1	
UVSP 02:57				Wavelength=1546A		Code=02	Rast=0"x0"		XEN=16103
Radio Frequency(MHz)/Flux(sfu):		606/81						Cad=.26s 0.256s/pixel	
Tot Cts=3515									
FePeak=02:57									
Exp #=3979									
Event # = 708									
80/06/10, 03:07		DOY=162	SMM Pointing:		S14W19	Pitch=+235", Yaw=-293", Roll=0deg		H. Ang=23deg	
Start		End times							
Optical									
GOES 02:43		03:07	Ha...Class=SF		S10E75	Mac.=CHO		H. Ang=75deg	
HXRBS 02:52:56		02:54:53	Importance=C5		Qual=01				
UVSP 02:39				Peak...c/s=156		Qual=01	MaxkeV=54		
				Wavelength=1546A		Code=00	Rast=30"x30" Step=10" Pitch=+275", Yaw=-287"		
				Exp #=4047					
Event # = 709									
80/06/10, 08:05		DOY=162	SMM Pointing:		S14W21	Pitch=+235", Yaw=-331", Roll=0deg		H. Ang=25deg	
Start		End times							
GOES 08:02		08:05	Importance=C1		Qual=01				
HXRBS 08:02:44		08:03:36	Peak...c/s=73		Qual=01				
UVSP 07:51				Wavelength=1546A		Code=00	MaxkeV=54		
Radio Frequency(MHz)/Flux(sfu):		606/380						Pitch=+250", Yaw=-322"	
Exp #=4058									

Event # = 20248		80/06/11		DOY=163	
80/06/11,00:02		DOY=163		Peak	
Optical	End times	SMM Pointing:		S14W30	
Optical		Ha....Class=SF		N21E54	
GOES	23:30	Ha....Class=SN		S15W33	
BCS	23:32	Importance=C5		Qual=03	
FCS	00:07	CaPeak.c/s=101		Qual= 1	
UVSP	23:41	Peak3...c/s=252		FePeak=23:54	
		Wavelength=1546A		Code=00 Exp #=4088	
Event # = 20220		80/06/11,10:34		DOY=163	
80/06/11,10:34		DOY=163		Peak	
GOES	10:29	SMM Pointing:		N01W00	
BCS	10:36	Importance=C2		Qual=05	
FCS	10:37	CaPeak.c/s=27		Qual= 1	
UVSP	10:03	Peak3...c/s=13		FePeak=10:37	
		Wavelength=1346A		Exp #=4116	
Event # = 710		80/06/12,01:32		DOY=164	
80/06/12,01:32		DOY=164		Peak	
Optical	End times	SMM Pointing:		S14W33	
GOES	01:30	Ha....Class=IN		N12E35	
HXRBS	01:30:10	Importance=C2		Qual=01	
UVSP	01:09	Peak...c/s=141		Qual=01	
		Wavelength=1403A		Code=00	
Event # = 4275		80/06/12,06:01		DOY=164	
80/06/12,06:01		DOY=164		Peak	
Optical	End times	SMM Pointing:		S14W36	
GOES	05:57	Ha....Class=SB		S16E43	
HXRBS	05:59:25	Importance=C2		Qual=01	
UVSP	05:57	Peak...c/s=93		Qual=01	
		Wavelength=1401A		Code=00	
Event # = 711		80/06/12,22:08		DOY=164	
80/06/12,22:08		DOY=164		Peak	
Optical	End times	SMM Pointing:		S14W44	
GOES	22:07	Ha....Class=SN		N12E24	
HXRBS	22:08	Importance=C4		Qual=01	
UVSP	22:06:10	Peak...c/s=453		Qual=01	
Radio Sweeps	22:03	Wavelength=1546A		Code=00	
Radio	Frequency (MHz)/Flux(sfu):	245/26 2695/26 4995/39 8800/61 15400/31			

Event # = 713		80/06/13		DOY=165	
80/06/13,02:59	Start	DOY=165	S14W47	Pitch=-237", Yaw=-675", Roll=0deg	H.Ang=49deg
Optical	End times	SMM Pointing:	AR2507	Mac.=DHO	H.Ang=52deg
G0ES 02:56	03:03	Ha...Class=SF	Qual=01	MaxkeV=125	
G0ES 02:57:56	02:58:28	Importance=C2	Tot Cts=10759	Rast=40"x40"	Pitch=+258", Yaw=-775"
HXRBS 02:57:56	02:59:16	Peak...c/s=388	Exp #4217	4995/120 8800/190	
UVSP 02:44		Wavelength=1401A	Code=00	Step=4"	
Radio	Frequency(MHz)/Flux(sfu):	245/370 410/700	606/68 1415/18 2695/46	15400/89	
HRBS 02:56:56	02:57:07	Peak...c/s=138	Qual=01	MaxkeV=55	
HRBS 02:56:56	02:57:16	Peak...c/s=138	Tot Cts=1913		
Event # = 714		80/06/13,06:22		DOY=165	
80/06/13,06:22	Start	DOY=165	N17E20	Pitch=-260", Yaw=+307", Roll=0deg	H.Ang=25deg
Optical	End times	SMM Pointing:	AR2502	Mac.=EHI	H.Ang=30deg
G0ES 06:19	06:22	Ha...Class=SN	Qual=01	MaxkeV=55	
G0ES 06:21:21	06:22:25	Importance=C2	Tot Cts=2412	FePeak.c/s=30	XEN=16502
HXRBS 06:21	06:23	Peak...c/s=112	Qual=01	Rast=180"x180"	Cad= 332s
BCS 06:21	06:23	CaPeak.c/s=78	Qual= 1	Step=10"	1.024s/pixel
FCS	06:26	Peak3...c/s=384	Exp #4228	Pitch=4"	
HXIS	06:22	Peak...c/s=168		Step=4"	
UVSP	06:08	Wavelength=1401A	Code=00	Pitch=-296", Yaw=+360"	
Event # = 715		80/06/13,08:25		DOY=165	
80/06/13,08:25	Start	DOY=165	N17E20	Pitch=-264", Yaw=+303", Roll=0deg	H.Ang=25deg
Optical	End times	SMM Pointing:	AR2507	Mac.=DHO	H.Ang=36deg
G0ES 08:09	08:25	Ha...Class=1B	Qual=03	MaxkeV=125	
G0ES 08:11:35	08:12:22	Importance=C7	Tot Cts=25687	Rast=120"x120"	Pitch=-395", Yaw=+323"
HXRBS 08:11:35	08:12:22	Peak...c/s=227	Qual=01	Step=3"	
UVSP 07:48		Wavelength=1333A	Code=00		
Radio	Frequency(MHz)/Flux(sfu):	2695/15			
Event # = 20249		80/06/13,12:52		DOY=165	
80/06/13,12:52	Start	DOY=165	N17E16	Pitch=-260", Yaw=+253", Roll=0deg	H.Ang=23deg
Optical	End times	SMM Pointing:	AR2511	Mac.=DSI	H.Ang=19deg
G0ES 12:47	12:52	Ha...Class=SN	Qual=01	FePeak.c/s=9	XEN=16503
G0ES 12:50	12:52	Importance=C2	Qual= 1	Rast=120"x120"	Cad= 147s
BCS 12:50	12:54	CaPeak.c/s=39	FePeak=12:52	Step=10"	1.024s/pixel
FCS	12:54	Peak3...c/s=669	Exp #4248	Pitch=3"	
HXIS	12:51	Peak...c/s=67		Step=3"	
UVSP	12:45	Wavelength=3092A	Code=00	Pitch=-325", Yaw=+223"	
Event # = 20221		80/06/13,14:17		DOY=165	
80/06/13,14:17	Start	DOY=165	N17E17	Pitch=-264", Yaw=+263", Roll=0deg	H.Ang=23deg
Optical	End times	SMM Pointing:	AR2502	Mac.=EHI	H.Ang=23deg
G0ES 14:13	15:02	Ha...Class=SB	Qual=01	FePeak.c/s=9	XEN=16504
G0ES 14:13	14:26	Importance=C8	Qual= 5	Rast=0"x0"	3840s/pixel
BCS 14:25	14:32	CaPeak.c/s=33	FePeak=14:25	Step=0"	
FCS	14:25	Peak3...c/s=37		Cad=3840s	

Event # = 20250									
80/06/13,19:28	DOY=165								
Optical	Start	End times	SMM Pointing:	N16E13				Pitch=-246", Yaw=+202", Roll=0deg	H.Ang=20deg
Optical			Ha...Class=SF	S14W61	AR2505			Mac.=DA0	
GOES	19:26	19:28	Ha...Class=SF	S14W60	AR2490			Carr. Lon.=352deg	H.Ang=62deg
BCS	19:28	19:28	Importance=C1	Qual=01				Carr. Lon.=351deg	H.Ang=61deg
UVSP	18:52		CaPeak.c/s=17						
			Wavelength=1546A	Code=00	Exp #=4264			Rast=240"x240"	Pitch=-308", Yaw=+188"
Event # = 20251									
80/06/13,20:13	DOY=165								
Optical	Start	End times	SMM Pointing:	N16E12				Pitch=-244", Yaw=+191", Roll=0deg	H.Ang=19deg
GOES	20:09	20:16	Importance=M1	Qual=01					
BCS	20:06	20:16	CaPeak.c/s=9						
UVSP	20:09		Wavelength=1542A	Code=00	Exp #=4265			Rast=3"x3"	Pitch=-308", Yaw=+161"
Event # = 20252									
80/06/13,20:34	DOY=165								
Optical	Start	End times	SMM Pointing:	N16E12				Pitch=-244", Yaw=+191", Roll=0deg	H.Ang=19deg
GOES			Ha...Class=SF	N17E11	AR2502			Mac.=EHI	H.Ang=19deg
BCS	20:29	20:42	CaPeak.c/s=16	Qual=06					
UVSP	20:28		Wavelength=1546A		Exp #=4268			Rast=240"x240"	Pitch=-308", Yaw=+158"
Event # = 716									
80/06/13,22:34	DOY=165								
Optical	Start	End times	SMM Pointing:	N16E11				Pitch=-244", Yaw=+175", Roll=0deg	H.Ang=18deg
GOES			Peak...c/s=1524	Qual=06					
HXRBS*	22:32:20	22:34:03	CaPeak.c/s=512	Qual=03	Tot Cts=1.22E+5	MaxkeV=125	Flags=M,EN	FePeak.c/s=192	#Peaks=1
BCS	22:31	22:47	Peak3...c/s=457	Qual=1	FePeak=22:34	Rast=240"x240"	dt=5.6s	XEN=16500	
FCS			Peak...c/s=1029					Cad=590s	1.024s/pixel
HXIS			Wavelength=1546A		Exp #=4273				
UVSP	22:32							Rast=42"x42"	Pitch=-256", Yaw=+140"
Event # = 4299									
80/06/14,01:23	DOY=166								
Optical	Start	End times	SMM Pointing:	N16E10				Pitch=-248", Yaw=+165", Roll=0deg	H.Ang=18deg
GOES			Ha...Class=SB	N16E07	AR2502			Mac.=DKI	H.Ang=17deg
HXRBS	01:11:20	01:14:00	Peak...c/s=83	Qual=06				MaxkeV=55	Flags=1
BCS	01:12	01:25:42	CaPeak.c/s=129	Qual=01	Tot Cts=3056	FePeak.c/s=31	#Peaks=2	dt=11.3s	XEN=16600
FCS	01:37	01:38	Peak3...c/s=302	Qual=1	FePeak=01:22	Rast=120"x120"	Step=15	Cad=65.5s	1.024s/pixel
HXIS			Peak...c/s=256						
UVSP	01:16		Wavelength=1546A		Exp #=4282			Rast=240"x240"	Pitch=-308", Yaw=+126"
Event # = 717									
80/06/14,06:00	DOY=166								
Optical	Start	End times	SMM Pointing:	N01W00				Pitch=+3", Yaw=-8", Roll=0deg	H.Ang=1deg
GOES			Peak...c/s=266	Qual=06				MaxkeV=125	
HXRBS*	06:23:35	06:31:34	CaPeak.c/s=45	Qual=01	Tot Cts=10912	FePeak.c/s=16	#Peaks=1	Rast=240"x240"	XEN=16601
BCS	06:00	06:13	Peak3...c/s=21	Qual=5	FePeak=06:01	Rast=10"x10"	Step=15	Cad=262s	1.024s/pixel
FCS			Wavelength=1338A		Exp #=4296			Pitch=0"	1.024s/pixel
UVSP	05:57								

Event # = 20246	DOY=166	SMM Pointing:	N01W00	Pitch=+3" , Yaw=-8" , Roll=0deg	H. Ang=1deg
80/06/14, 06:00 Start	Peak	End times			
GOES 06:00	06:00	06:13	Qual=06 Qual=5	FePeak.c/s=16 #Peaks=1 Rast=240"x240" Step=15" Cad= 262s Peak3...c/s=21 Step=0" XEN=16601 Wavelength=1338A Rast=10"x10" Pitch=-71" , Yaw=-49"	
FCS 05:57	06:02			Exp #=4296	
UVSP					
Event # = 718	DOY=166	SMM Pointing:	N01W00	Pitch=+0" , Yaw=+0" , Roll=0deg	H. Ang=0deg
80/06/14, 13:47 Start	Peak	End times			
Optical					
GOES 13:43:25	13:47:30	13:53:25	N11W63 Qual=06 Qual=03	Mac. =CS0 Carr. Lon. =344deg Tot Cts=24841 Flags=ES Exp #=4324 Rast=3"x3" Step=0" Pitch=+6" , Yaw=+27"	H. Ang=63deg
HXRBS 14:19					
UVSP					
Event # = 719	DOY=166	SMM Pointing:	N01W00	Pitch=+2" , Yaw=-6" , Roll=0deg	H. Ang=0deg
80/06/14, 17:01 Start	Peak	End times			
Optical					
GOES 16:58:00	17:01:40	17:07:25	S10E59 Qual=06 Qual=01	Carr. Lon. =220deg Tot Cts=21518 Exp #=4337 MaxkeV=259 Rast=180"x1" Step=0" Pitch=-56" , Yaw=+63"	H. Ang=60deg
HXRBS 16:58					
UVSP					
Radio Sweeps					
Radio Frequency (MHz)/Flux(stu):					
410/30 606/22 1415/26 2695/58 4995/39 8800/16					
Event # = 720	DOY=167	SMM Pointing:	N17W07	Pitch=-257" , Yaw=-109" , Roll=0deg	H. Ang=17deg
80/06/15, 04:14 Start	Peak	End times			
GOES 04:10:05	04:14:15	04:18:05	Qual=06 Qual=01	MaxkeV=259 Rast=240"x240" Step=3" Pitch=-322" , Yaw=-134"	
HXRBS 04:13					
UVSP					
Radio Sweeps					
Event # = 721	DOY=167	SMM Pointing:	N17W07	Pitch=-257" , Yaw=-109" , Roll=0deg	H. Ang=17deg
80/06/15, 04:26 Start	Peak	End times			
GOES 04:23:40	04:26:25	04:36:50	Qual=06 Qual=01	MaxkeV=125 Rast=240"x240" Step=3" Pitch=-322" , Yaw=-134"	
HXRBS 04:13					
UVSP					
Radio Sweeps					
Event # = 722	DOY=167	SMM Pointing:	N17W09	Pitch=-258" , Yaw=-135" , Roll=0deg	H. Ang=18deg
80/06/15, 07:59 Start	Peak	End times			
GOES 08:00:20	08:00:40	08:01:25	Qual=06 Qual=01	MaxkeV=55 Rast=3"x3" Step=0" Pitch=-267" , Yaw=-160"	
HXRBS 07:56					
HXIS					
UVSP					
Event # = 723	DOY=167	SMM Pointing:	N17W09	Pitch=-258" , Yaw=-135" , Roll=0deg	H. Ang=18deg
80/06/15, 08:02 Start	Peak	End times			
GOES 08:02:40	08:02:55	08:03:35	Qual=06 Qual=01	MaxkeV=55 Rast=120"x120" Step=3" Pitch=-267" , Yaw=-160"	
HXRBS 08:01					
UVSP					

Event # = 724									
80/06/15, 08:13	DOY=167	Start	End times	SMM Pointing:	N17W09			Pitch=-260", Yaw=-144", Roll=0deg	H. Ang=18deg
GOES									
HXRBS	08:13:10	08:13:35	08:14:37	Peak...c/s=88	Qual=06				
UVSP	08:01			Wavelength=1549A	Qual=01				
						Exp #=4395		MaxkeV=55	
								Rast=120"x120"	Pitch=-267", Yaw=-160"
Event # = 725									
80/06/15, 11:32	DOY=167	Start	End times	SMM Pointing:	N17W11			Pitch=-259", Yaw=-166", Roll=0deg	H. Ang=19deg
GOES									
HXRBS	11:31:30	11:32:15	11:33:20	Peak...c/s=195	Qual=06				
UVSP	11:31			Wavelength=1347A	Qual=03				
						Tot Cts=4380		MaxkeV=125	
						Exp #=4408		Rast=120"x120"	Pitch=-262", Yaw=-137"
Event # = 726									
80/06/15, 13:05	DOY=167	Start	End times	SMM Pointing:	N17W11			Pitch=-259", Yaw=-166", Roll=0deg	H. Ang=19deg
Optical				Code=EPL					
GOES					S18E90				
HXRBS	13:05:05	13:05:25	13:06:36	Peak...c/s=90	Qual=06				
UVSP	12:40			Wavelength=1333A	Qual=01				
Radio				Frequency(MHz)/Flux(sfu):		Exp #=4410			
				1415/22 2695/36 4995/26 8800/20				Rast=120"x120"	Pitch=-262", Yaw=-137"
Event # = 727									
80/06/15, 14:39	DOY=167	Start	End times	SMM Pointing:	N17W12			Pitch=-260", Yaw=-195", Roll=0deg	H. Ang=20deg
GOES									
HXRBS	14:39:30	14:39:55	14:40:45	Peak...c/s=99	Qual=06				
UVSP	14:22			Wavelength=1399A	Qual=01				
						Exp #=4412		MaxkeV=55	
								Rast=120"x120"	Pitch=-262", Yaw=-168"
Event # = 728									
80/06/15, 15:31	DOY=167	Start	End times	SMM Pointing:	N17W12			Pitch=-260", Yaw=-195", Roll=0deg	H. Ang=20deg
GOES									
HXRBS	15:30:25	15:31:55	15:32:05	Peak...c/s=90	Qual=06				
UVSP	15:24			Wavelength=1546A	Qual=01				
Radio				Frequency(MHz)/Flux(sfu):		Exp #=4415			
				245/360 410/60				Rast=240"x240"	Pitch=-322", Yaw=-228"
Event # = 729									
80/06/15, 18:44	DOY=167	Start	End times	SMM Pointing:	N17W13			Pitch=-260", Yaw=-210", Roll=0deg	H. Ang=21deg
Optical									
GOES				Ha...Class=SN	S09E82				
HXRBS	18:44:03	18:44:57	18:47:01	Peak...c/s=307	Qual=06				
UVSP	18:44			Wavelength=1542A	Qual=01				
						Tot Cts=9506		MaxkeV=125	
						Exp #=4424		Rast=3"x3"	Pitch=-308", Yaw=-229"
Event # = 730									
80/06/15, 20:28	DOY=167	Start	End times	SMM Pointing:	N17W15			Pitch=-262", Yaw=-240", Roll=0deg	H. Ang=22deg
Optical									
GOES				Ha...Class=SF	S09E77				
HXRBS	20:28:00	20:28:41	20:29:50	Peak...c/s=100	Qual=06				
UVSP	20:25			Wavelength=1546A	Qual=01				
						Tot Cts=828		MaxkeV=55	
						Exp #=4429		Rast=240"x240"	Pitch=-324", Yaw=-270"

Event # = 731		80/06/16		DOY=168	
80/06/16,21:55	DOY=168	SMM Pointing:		Pitch=-1",Yaw=-1",Roll=0deg	
Optical	Peak	End times		H.Ang=0deg	
GOES 21:40	21:55	22:03		Mac.=DSI	
HXRBS 21:44:16	21:45:56	21:50:16		MaxkeV=259	
UVSP 21:53				Rast=120"x120" Step=4" Pitch=+6",Yaw=-111"	
		Importance=C2		Tot Cts=8729	
		Peak...c/s=103		Exp #=4496	
		Wave length=1401A			
Event # = 732		SMM Pointing:		Pitch=+0",Yaw=+0",Roll=0deg	
80/06/16,23:38	DOY=168	End times		H.Ang=0deg	
Optical	Peak			Mac.=DSI	
GOES 23:27	23:38	23:45		Carr.Lon.=182deg	
HXRBS 23:27:47	23:31:16	23:35:07		MaxkeV=55	
UVSP 23:30				Rast=120"x120" Step=4" Pitch=-25",Yaw=-111"	
		Importance=C3		Tot Cts=55719	
		Peak...c/s=100		Exp #=4499	
		Wave length=1401A			
Event # = 733		SMM Pointing:		Pitch=+216",Yaw=+923",Roll=0deg	
80/06/17,00:20	DOY=169	End times		H.Ang=69deg	
Optical	Peak			Mac.=CAO	
GOES 00:03	00:20	00:45		MaxkeV=55	
HXRBS 00:03:40	00:16:03	00:20:40		FePeak.c/s=76	
BCS 00:14	00:18	00:19		#Peaks=1 dt= 5.6s	
HXIS 00:17	00:17			XEN=16900	
UVSP 00:55				Rast=4"x4" Step=0" Pitch=+157",Yaw=+858"	
		Ha...Class=SN		Exp #=4500	
		Importance=C9			
		Peak...c/s=105			
		CaPeak.c/s=260			
		Peak...c/s=331			
		Wave length=1399A			
Event # = 20256		SMM Pointing:		Pitch=+213",Yaw=+914",Roll=0deg	
80/06/17,01:01	DOY=169	End times		H.Ang=83deg	
Optical	Peak			FePeak.c/s=15	
GOES 00:50	01:01	01:20		#Peaks=1	
BCS 00:52	00:53	01:55		XEN=16901	
FCS 01:01	01:01			Rast=120"x120" Step=15" Cad=65.5s	
HXIS 00:52	00:52			1.024s/pixel	
UVSP 00:55				Rast=4"x4" Step=0" Pitch=+157",Yaw=+858"	
		Importance=C6			
		CaPeak.c/s=156			
		Peak3...c/s=468			
		Peak...c/s=219			
		Wave length=1399A			
Event # = 20257		SMM Pointing:		Pitch=+213",Yaw=+914",Roll=0deg	
80/06/17,01:58	DOY=169	End times		H.Ang=83deg	
Optical	Peak			Rast=10"x10" Step=0" Pitch=+157",Yaw=+858"	
GOES 01:47	01:58	02:15			
HXIS 01:49	01:49				
UVSP 02:31					
		Importance=C3			
		Peak...c/s=76			
		Wave length=1338A			
Event # = 20258		SMM Pointing:		Pitch=+212",Yaw=+920",Roll=0deg	
80/06/17,06:16	DOY=169	End times		H.Ang=86deg	
Optical	Peak			Mac.=CSO	
GOES 06:10	06:16	06:32		Carr.Lon.=221deg	
BCS 06:16	06:21	06:24		FePeak.c/s=7	
FCS 06:22	06:22			#Peaks=1 dt= 5.6s	
UVSP 06:07				XEN=16902	
		Ha...Class=SF		Rast=240"x240" Step=10" Cad= 590s	
		Importance=C1		1.024s/pixel	
		CaPeak.c/s=30		Pitch=+157",Yaw=+858"	
		Peak3...c/s=225			
		Wave length=1347A			

Event # = 20259	80/06/17, 12:28	Start	DOY=169	Peak	End times	SMM Pointing:	S13E86	Pitch=+213", Yaw=+920", Roll=0deg	H.Ang=87deg
Optical						Ha...Class=SF	S18E64	Mac.=CS0	H.Ang=66deg
GOES	11:59	12:28			13:11	Importance=C2	Qual=04		
BCS	12:36	12:36			12:52	CaPeak.c/s=13			
UVSP	12:34					Wavelength=1346A	Code=02	Rast=3"x3"	Pitch=+227", Yaw=+932"
Event # = 734	80/06/17, 21:34	Start	DOY=169	Peak	End times	SMM Pointing:	S12E53	Pitch=+211", Yaw=+743", Roll=0deg	H.Ang=55deg
GOES	21:28	21:34			21:50	Importance=C1	Qual=05		
HXRBS	21:43:20	21:44:50			22:02:50	Peak...c/s=70	Qual=01		
UVSP	21:40					Wavelength=1397A	Code=02	MaxkeV=126	
								Rast=4"x4"	Step=0" Pitch=+220", Yaw=+753"
Event # = 20254	80/06/17, 23:46	Start	DOY=169	Peak	End times	SMM Pointing:	S12E52	Pitch=+209", Yaw=+726", Roll=0deg	H.Ang=53deg
GOES	23:29	23:46			01:00	Importance=C2	Qual=03		
BCS	23:34	23:44			23:56	CaPeak.c/s=32	Qual=1		
FCS		23:40				Peak3...c/s=29		FePeak.c/s=8	#Peaks=1 dt=11.3s XEN=16903
UVSP	23:30					Wavelength=1401A	Code=00	Rast=240"x240"	Step=10" Cad= 590s 1.024s/pixel
								Rast=28"x28"	Step=4" Pitch=+269", Yaw=+785"
Event # = 735	80/06/18, 18:58	Start	DOY=170	Peak	End times	SMM Pointing:	N01W00	Pitch=+2", Yaw=+3", Roll=0deg	H.Ang=0deg
Optical						Ha...Class=SF	S13E43	Mac.=DK0	H.Ang=45deg
GOES	18:51	18:58			19:21	Importance=C3	Qual=01		
HXRBS	18:52:10	18:53:40			18:54:40	Peak...c/s=83	Qual=01	MaxkeV=55	
UVSP	18:36					Wavelength=1333A	Code=00	Rast=120"x120"	Step=3" Pitch=+6", Yaw=+28"
Event # = 20675	80/06/18, 20:08	Start	DOY=170	Peak	End times	SMM Pointing:	S10E42	Pitch=+182", Yaw=+618", Roll=0deg	H.Ang=43deg
Optical						Code=SPY	N08E90	Carr.Lon.=134deg	H.Ang=90deg
GOES	20:04					Wavelength=1338A	Qual=00		
UVSP	20:04					PA=66deg		Rast=10"x10"	Step=0" Pitch=+195", Yaw=+637"
C/P	20:08	Extrap	St=06/18, 19:05						
Event # = 4265	80/06/18, 21:41	Start	DOY=170	Peak	End times	SMM Pointing:	S10E41	Pitch=+183", Yaw=+616", Roll=0deg	H.Ang=43deg
GOES	21:39:40	21:41:51			21:47:56	Peak...c/s=100	Qual=00		
HXRBS	21:39					Wavelength=1338A	Qual=01	Flags=I	
UVSP								Rast=10"x10"	Step=0" Pitch=+133", Yaw=+561"
Event # = 736	80/06/18, 22:30	Start	DOY=170	Peak	End times	SMM Pointing:	S10E41	Pitch=+183", Yaw=+616", Roll=0deg	H.Ang=43deg
Optical						Ha...Class=SN	S19E51	Mac.=HSX	H.Ang=54deg
GOES	22:27	22:30			22:36	Importance=C1	Qual=04		
HXRBS	22:29:21	22:29:57			22:30:21	Peak...c/s=82	Qual=01	MaxkeV=126	
UVSP	22:29					Wavelength=1347A	Code=00	Rast=250"x250"	Step=10" Pitch=+133", Yaw=+561"
Radio Sweeps						Type/Intensity: III/2			

Event # = 737	DOY=170	SMM Pointing:	S10E41	Pitch=+183", Yaw=+616", Roll=0deg	H. Ang=43deg
80/06/18, 23:17	Peak	End times			
GOES			Qual=00		
HXRBS	23:17:00	23:17:29	Qual=01		
UVSP	23:15		Peak...c/s=74	MaxkeV=55	
			Wavelength=1338A	Rast=10"x10"	Pitch=+133", Yaw=+561"
				Step=0"	
			Exp #=4648		
Event # = 738	DOY=170	SMM Pointing:	S10E41	Pitch=+183", Yaw=+616", Roll=0deg	H. Ang=43deg
80/06/18, 23:24	Peak	End times			
Optical					
GOES	23:21	23:28	Ha...Class=SF	Mac.=AXX	H. Ang=67deg
HXRBS	23:22:18	23:23:13	Importance=C2	AR2523	
UVSP	23:23		Qual=01		
			Peak...c/s=85	MaxkeV=55	
			Wavelength=1346A	Rast=10"x235"	Pitch=+133", Yaw=+561"
			Code=00	Step=25"	
			Exp #=4650		
Event # = 739	DOY=170	SMM Pointing:	S10E41	Pitch=+183", Yaw=+616", Roll=0deg	H. Ang=43deg
80/06/18, 23:37	Peak	End times			
Optical					
GOES	23:37	23:57	Ha...Class=SF	Mac.=DSI	H. Ang=67deg
HXRBS	23:36:59	23:38:38	Importance=C2	AR2522	
UVSP	23:30		Qual=01		
			Peak...c/s=343	MaxkeV=259	
			Wavelength=1347A	Rast=250"x250"	Pitch=+133", Yaw=+561"
			Code=00	Step=10"	
			Exp #=4651	Flags=FS	
			Tot Cts=6315		
Radio	Frequency(MHz)/Flux(sfu):	1415/83			
80/06/19 DOY=171					
Event # = 741	DOY=171	SMM Pointing:	S10E41	Pitch=+183", Yaw=+616", Roll=0deg	H. Ang=43deg
80/06/19, 00:09	Peak	End times			
GOES	00:06	00:11	Importance=C2		
HXRBS	00:07:35	00:08:32	Qual=01		
UVSP	00:05		Qual=00	MaxkeV=126	
			Wave length=1347A	Rast=250"x250"	Pitch=+133", Yaw=+561"
			Code=00	Step=10"	
			Exp #=740		
			Associated		
			Event # = 740		
			Qual=01		
			Tot Cts=2266		
			Exp #=4654		
			Peak...c/s=87		
			Wavelength=1346A		
Event # = 742	DOY=171	SMM Pointing:		Pitch=+2", Yaw=+1141", Roll=0deg	
80/06/19, 01:34	Peak	End times			
GOES	01:30	01:41	Importance=C1		
HXRBS	01:34:05	01:34:27	Qual=01		
UVSP	01:24		Qual=00	MaxkeV=55	
			Code=00	Rast=3"x3"	Pitch=+422", Yaw=+33"
			Exp #=4656	Step=0"	
Event # = 743	DOY=171	SMM Pointing:	N02W00	Pitch=-2", Yaw=+6", Roll=0deg	H. Ang=0deg
80/06/19, 02:19	Peak	End times			
GOES	02:16	02:28	Importance=C3		
HXRBS	02:23:47	02:26:27	Qual=02		
UVSP	02:30		Qual=00	MaxkeV=55	
			Code=00	Rast=3"x3"	Pitch=+196", Yaw=+595"
			Exp #=4658	Step=0"	
Event # = 20260	DOY=171	SMM Pointing:	S10E37	Pitch=+185", Yaw=+558", Roll=0deg	H. Ang=38deg
80/06/19, 04:08	Peak	End times			
GOES	03:54	04:17	Importance=C2		
BCS	04:12	04:18	Qual=05		
FCS	04:12		Qual=1		
UVSP	04:05		FePeak=04:12		
			Code=00		
			Exp #=4662		
			Wave length=1542A		
			Code=00		
			Exp #=4662		
			FePeak=04:12		
			Qual=1		
			CapPeak.c/s=23		
			Peak3...c/s=65		
			Wave length=1542A		
			Code=00		
			Exp #=4662		
			FePeak=04:12		
			Qual=1		
			CapPeak.c/s=23		
			Peak3...c/s=65		
			Wave length=1542A		
			Code=00		
			Exp #=4662		
			FePeak=04:12		
			Qual=1		
			CapPeak.c/s=23		
			Peak3...c/s=65		
			Wave length=1542A		
			Code=00		
			Exp #=4662		
			FePeak=04:12		
			Qual=1		
			CapPeak.c/s=23		
			Peak3...c/s=65		
			Wave length=1542A		
			Code=00		
			Exp #=4662		
			FePeak=04:12		
			Qual=1		
			CapPeak.c/s=23		
			Peak3...c/s=65		
			Wave length=1542A		
			Code=00		
			Exp #=4662		
			FePeak=04:12		
			Qual=1		
			CapPeak.c/s=23		
			Peak3...c/s=65		
			Wave length=1542A		
			Code=00		
			Exp #=4662		
			FePeak=04:12		
			Qual=1		
			CapPeak.c/s=23		
			Peak3...c/s=65		
			Wave length=1542A		
			Code=00		
			Exp #=4662		
			FePeak=04:12		
			Qual=1		
			CapPeak.c/s=23		
			Peak3...c/s=65		
			Wave length=1542A		
			Code=00		
			Exp #=4662		
			FePeak=04:12		
			Qual=1		
			CapPeak.c/s=23		
			Peak3...c/s=65		
			Wave length=1542A		
			Code=00		
			Exp #=4662		
			FePeak=04:12		
			Qual=1		
			CapPeak.c/s=23		
			Peak3...c/s=65		
			Wave length=1542A		
			Code=00		
			Exp #=4662		
			FePeak=04:12		
			Qual=1		
			CapPeak.c/s=23		
			Peak3...c/s=65		
			Wave length=1542A		
			Code=00		
			Exp #=4662		
			FePeak=04:12		
			Qual=1		
			CapPeak.c/s=23		
			Peak3...c/s=65		
			Wave length=1542A		
			Code=00		
			Exp #=4662		
			FePeak=04:12		
			Qual=1		
			CapPeak.c/s=23		
			Peak3...c/s=65		
			Wave length=1542A		
			Code=00		
			Exp #=4662		
			FePeak=04:12		
			Qual=1		
			CapPeak.c/s=23		
			Peak3...c/s=65		
			Wave length=1542A		
			Code=00		
			Exp #=4662		
			FePeak=04:12		
			Qual=1		
			CapPeak.c/s=23		
			Peak3...c/s=65		
			Wave length=1542A		
			Code=00		
			Exp #=4662		
			FePeak=04:12		
			Qual=1		
			CapPeak.c/s=23		
			Peak3...c/s=65		
			Wave length=1542A		
			Code=00		
			Exp #=4662		
			FePeak=04:12		
			Qual=1		
			CapPeak.c/s=23		
			Peak3...c/s=65		
			Wave length=1542A		
			Code=00		
			Exp #=4662		
			FePeak=04:12		
			Qual=1		
			CapPeak.c/s=23		
			Peak3...c/s=65		
			Wave length=1542A		
			Code=00		
			Exp #=4662		
			FePeak=04:12		
			Qual=1		
			CapPeak.c/s=23		
			Peak3...c/s=65		
			Wave length=1542A		
			Code=00		
			Exp #=4662		
			FePeak=04:12		
			Qual=1		
			CapPeak.c/s=23		
			Peak3...c/s=65		
			Wave length=1542A		
			Code=00		
			Exp #=4662		
			FePeak=04:12		
			Qual=1		
			CapPeak.c/s=23		
			Peak3...c/s=65		
			Wave length=1542A		
			Code=00		
			Exp #=4662		
			FePeak=04:12		
			Qual=1		
			CapPeak.c/s=23		
			Peak3...c/s=65		
			Wave length=1542A		
			Code=00		
			Exp #=4662		
			FePeak=04:12		
			Qual=1		
			CapPeak.c/s=23		
			Peak3...c/s=65		
			Wave length=1542A		
			Code=00		
			Exp #=4662		
			FePeak=04:12		
			Qual=1		
			CapPeak.c/s=23		
			Peak3...c/s=65		
			Wave length=1542A		
			Code=00		
			Exp #=4662		
			FePeak=04:12		
			Qual=1		
			CapPeak.c/s=23		
			Peak3...c/s=65		
			Wave length=1542A		
			Code=00		
			Exp #=4662		
			FePeak=04:12		
			Qual=1		
			CapPeak.c/s=23		
			Peak3...c/s=65		
			Wave length=1542A		
			Code=00		
			Exp #=4662		
			FePeak=04:12		
			Qual=1		
			CapPeak.c/s=23		
			Peak3...c/s=65		
			Wave length=1542A		
			Code=00		
			Exp #=4662		
			FePeak=04:12		
			Qual=1		
			CapPeak.c/s=23		
			Peak3...c/s=65		
			Wave length=1542A		
			Code=00		
			Exp #=4662		
			FePeak=04:12		
			Qual=1		
			CapPeak.c/s=23		
			Peak3...c/s=65		
			Wave length=1542A		
			Code=00		
			Exp #=4662		
			FePeak=04:12		
			Qual=1		
			CapPeak.c/s=23		
			Peak3...c/s=65		
			Wave length=1542A		
			Code=00		
			Exp #=4662		
			FePeak=04:12		
			Qual=1		
			CapPeak.c/s=23		
			Peak3...c/s=65		
			Wave length=1542A		
			Code=00		
			Exp #=4662		
			FePeak=04:12		
			Qual=1		
			CapPeak.c/s=23		
			Peak3...c/s=65		
			Wave length=1542A		
			Code=00		
			Exp #=4662		
			FePeak=04:12		
			Qual=1		
			CapPeak.c/s=23		
			Peak3...c/s=65		
			Wave length=1542A		
			Code=00		
			Exp #=4662		
			FePeak=04:12		
			Qual=1		
			CapPeak.c/s=23		
			Peak3...c/s=65		
			Wave length=1542A		
			Code=00		
			Exp #=4662		
			FePeak=04:12		
			Qual=1		
			CapPeak.c/s=23		
			Peak3...c/s=65		
			Wave length=1542A		
			Code=00		
			Exp #=4662		
			FePeak=04:12		
			Qual=1		
			CapPeak.c/s=23		
			Peak3...c/s=65		
			Wave length=1542A		
			Code=00		
			Exp #=4662		
			FePeak=04:12		
			Qual=1		

Event # = 744											
80/06/19, 04:32		DOY=171		SMM Pointing:		S10E37		Pitch=+185", Yaw=+558", Roll=0deg		H. Ang=38deg	
Start		Peak		End times							
GOES 04:25		04:32		04:40		Qual=01					
HXRBS 04:27:08		04:29:07		04:29:49		Importance=C2					
UVSP 04:30						Peak...c/s=64					
						Wavelength=1546A		Exp #=4665		MaxkeV=126	
						Code=00		Step=3"		Pitch=+158", Yaw=+550"	
Event # = 745											
80/06/19, 05:01		DOY=171		SMM Pointing:		S10E37		Pitch=+185", Yaw=+558", Roll=0deg		H. Ang=38deg	
Start		Peak		End times							
GOES 05:01		05:03		05:01:04		Qual=03					
HXRBS 05:00:18		05:00:19		05:01:04		Importance=C2					
UVSP 04:30						Peak...c/s=136					
						Wavelength=1546A		Tot Cts=1089			
						Code=00		Exp #=4665		Pitch=+158", Yaw=+550"	
						2695/23 8800/66					
Event # = 20261											
80/06/19, 06:05		DOY=171		SMM Pointing:		S10E36		Pitch=+182", Yaw=+548", Roll=0deg		H. Ang=38deg	
Start		Peak		End times							
GOES 06:01		06:05		06:12		Qual=01					
BCS 06:04		06:04		06:06		Importance=C2					
FCS 06:05						CaPeak.c/s=22					
						Peak3...c/s=22		FePeak=06:04		XEN=17104	
						Wavelength=1546A		Exp #=4667		Cad= 590s 1.024s/pixel	
						Code=00		Step=3"		Pitch=+136", Yaw=+505"	
Event # = 20262											
80/06/19, 07:32		DOY=171		SMM Pointing:		S10E35		Pitch=+182", Yaw=+534", Roll=0deg		H. Ang=37deg	
Start		Peak		End times							
Optical 07:11		07:32		08:01		S11E32					
GOES 07:30		07:42		08:04		Qual=04		Carr. Lon.=186deg		H. Ang=34deg	
BCS 07:48		07:48				Importance=C5		FePeak=07:41		XEN=17106	
FCS 07:43						CaPeak.c/s=80		Step=10"		Cad= 590s 1.024s/pixel	
						Peak3...c/s=341		Step=0"		Pitch=+197", Yaw=+555"	
						Peak...c/s=141					
						Wavelength=1542A		Exp #=4670			
						Code=00					
Event # = 20255											
80/06/19, 08:09		DOY=171		SMM Pointing:		S10E35		Pitch=+182", Yaw=+534", Roll=0deg		H. Ang=37deg	
Start		Peak		End times							
GOES 08:06		08:09		08:20		Qual=03					
BCS 08:09		08:12		08:13		Importance=C3		FePeak=08:12		XEN=17107	
FCS 08:09						CaPeak.c/s=21		Step=10"		Cad= 590s 1.024s/pixel	
						Peak3...c/s=100		Step=3"		Pitch=+197", Yaw=+542"	
						Wavelength=1546A		Exp #=4673			
						Code=00					
Event # = 746											
80/06/19, 16:02		DOY=171		SMM Pointing:		S10E31		Pitch=+184", Yaw=+477", Roll=0deg		H. Ang=33deg	
Start		Peak		End times							
GOES 15:53		16:02		16:16		Qual=01					
HXRBS 15:55:06		15:56:38		15:58:31		Importance=C4		Tot Cts=2665			
UVSP 15:31						Peak...c/s=103		Exp #=4693		MaxkeV=55	
						Wavelength=1401A		Step=4"		Pitch=+164", Yaw=+479"	
						Code=00					
Event # = 747											
80/06/19, 18:41		DOY=171		SMM Pointing:		N02W00		Pitch=+1", Yaw=+4", Roll=0deg		H. Ang=0deg	
Start		Peak		End times							
Optical 18:30		18:41		18:49		Ha...Class=1B		Mac.=EKI		Carr. Lon.=171deg	
GOES 18:31:49		18:39:01		18:40:29		Importance=M1		AR2522		H. Ang=49deg	
HXRBS 18:34						Peak...c/s=1317		Tot Cts=63347		MaxkeV=259	
UVSP 18:34						Qual=01		Exp #=4699		Pitch=+6", Yaw=+28"	
						Wavelength=1333A		Step=3"		Cad= 590s 1.024s/pixel	
						Code=00		Step=3"		Pitch=+6", Yaw=+28"	
						245/26 410/57 606/40 1415/100 2695/190 4995/160 8800/150 15400/52					

Event # = 748									
80/06/19,18:58	DOY=171								
Start	Peak	End times	SMM Pointing:	N02W00				Pitch=+1", Yaw=+4", Roll=0deg	H.Ang=0deg
Optical								Mac.=HHX	Carr.Lon.=122deg
GOES	18:54	19:04	Importance=M1	S13E90	AR2529			MaxkeV=126	H.Ang=90deg
HXRBS	18:54:16	19:00:36	Peak...c/s=1265	Qual=01	Tot Cts=73333			Rast=120"x120"	Flags=M
UVSP	18:34		Wavelength=1333A	Code=00	Exp #=4699			Step=3"	Pitch=+6", Yaw=+28"
Event # = 749									
80/06/19,20:10	DOY=171								
Start	Peak	End times	SMM Pointing:	N02W00				Pitch=-3", Yaw=-6", Roll=0deg	H.Ang=0deg
Optical								Mac.=BXI	Carr.Lon.=158deg
GOES	19:48	20:10	Ha...Class=28	S23E53	AR2530			MaxkeV=126	H.Ang=57deg
HXRBS	20:20:51	20:24:11	Importance=M2	Qual=04	Tot Cts=6723			Rast=10"x235"	Step=25"
UVSP	20:09		Peak...c/s=192	Qual=01	Exp #=4703			Step=10"x235"	Pitch=+6", Yaw=-26"
Radio	Frequency(MHz)/Flux(sfu): 1415/43 2695/59 4995/44 8800/29								
Event # = 750									
80/06/19,21:32	DOY=171								
Start	Peak	End times	SMM Pointing:	S10E28				Pitch=+196", Yaw=+432", Roll=1deg	H.Ang=30deg
GOES	21:30	21:39	Importance=C2	Qual=04				MaxkeV=126	
HXRBS	21:35:00	21:37:40	Peak...c/s=98	Qual=01	Tot Cts=2449			Rast=10"x10"	Step=0"
UVSP	21:37		Wavelength=1338A	Code=02	Exp #=4709			Step=0"	Pitch=+148", Yaw=+384"
Event # = 20676									
80/06/19,23:40	DOY=171								
Start	Peak	End times	SMM Pointing:	S10E26				Pitch=+189", Yaw=+411", Roll=0deg	H.Ang=29deg
GOES	23:28		Wavelength=1347A	Qual=00				Rast=250"x250"	Step=10"
UVSP	23:40	23:40	PA=207deg		Exp #=4720			Step=10"	Pitch=+138", Yaw=+374"
C/P									
Event # = 751									
80/06/19,23:51	DOY=171								
Start	Peak	End times	SMM Pointing:	S10E26				Pitch=+189", Yaw=+411", Roll=0deg	H.Ang=29deg
Optical								Mac.=CS0	Carr.Lon.=216deg
GOES	23:49	00:10	Ha...Class=SF	N21W07	AR2514			MaxkeV=55	H.Ang=20deg
HXRBS	23:46:21	23:50:21	Importance=C3	Qual=01	Tot Cts=1475			Rast=250"x250"	Step=10"
UVSP	23:44		Peak...c/s=76	Code=00	Exp #=4722			Step=10"	Pitch=+138", Yaw=+372"
80/06/20 DOY=172									
Event # = 752									
80/06/20,03:26	DOY=172								
Start	Peak	End times	SMM Pointing:	S10E25				Pitch=+185", Yaw=+388", Roll=0deg	H.Ang=27deg
Optical								Mac.=ESI	Carr.Lon.=184deg
GOES	02:55	03:26	Importance=C3	S11E23	AR2517			MaxkeV=55	H.Ang=26deg
HXRBS	03:20:33	03:21:49	Peak...c/s=113	Qual=03	Tot Cts=2599			Rast=120"x120"	Flags=EN
UVSP	02:54		Wavelength=1546A	Code=01	Exp #=4733			Step=3"	Pitch=+192", Yaw=+395"
Radio	Frequency(MHz)/Flux(sfu): 2695/8 8800/31								

Event # = 756	80/06/20, 13:08	DOY=172	S10E19	Pitch=+189", Yaw=+310", Roll=0deg	H. Ang=23deg
Start	12:52	Peak	Importance=C3		
GOES	12:52	13:08	Qual=02		
HXRBS	12:54:18	12:55:26	Peak...c/s=92		
UVSP	12:53	12:55:58	Wavelength=1546A	Step=3"	Pitch=+193", Yaw=+298"
Exp #	4757				
Event # = 757	80/06/20, 18:32	DOY=172	S13E82	Pitch=+211", Yaw=+914", Roll=0deg	H. Ang=83deg
Start	18:30	Peak	Importance=C2		
GOES	18:30	18:32	Qual=01		
HXRBS	18:32:00	18:32:17	Peak...c/s=92		
UVSP	18:31	18:32:52	Wavelength=1401A	Step=4"	Pitch=+147", Yaw=+848"
Exp #	4777				
Event # = 758	80/06/20, 20:11	DOY=172	S28E38	Pitch=+469", Yaw=+518", Roll=0deg	H. Ang=48deg
Start	20:00	Peak	Ha...Class-SF	Mac.=EHI	
Optical	20:00	20:11	Importance=C3	Carr. Lon.=167deg	
GOES	20:09:45	20:10:13	Qual=01		
HXRBS	20:09:45	20:11:33	Peak...c/s=215		
BCS	20:06	20:09	CaPeak.c/s=42		
FCS	20:06	20:09	Peak3...c/s=206		
UVSP	20:10	20:03	Wavelength=1401A		
Associated			Code=00		
Event #	20280				
FePeak	20:03	20:03	Qual=1		
Exp #	4779				
Event # = 759	80/06/20, 20:24	DOY=172	S28E39	Pitch=+462", Yaw=+529", Roll=0deg	H. Ang=48deg
Start	20:20	Peak	Importance=C3		
GOES	20:20	20:24	Qual=01		
HXRBS	20:21:04	20:22:21	Peak...c/s=168		
UVSP	20:10	20:23:32	Wavelength=1401A	Step=4"	Pitch=+482", Yaw=+417"
Tot Cts	1595				
Exp #	4781				
Event # = 760	80/06/20, 21:34	DOY=172	S11E14	Pitch=+210", Yaw=+230", Roll=0deg	H. Ang=19deg
Start	21:30	Peak	Importance=C3		
GOES	21:30	21:34	Qual=04		
HXRBS	21:33:12	21:35:08	Peak...c/s=117		
UVSP	21:34	21:42:34	Wavelength=1397A	Step=0"	Pitch=+219", Yaw=+127"
Tot Cts	16801				
Exp #	4782				
Event # = 20267	80/06/21, 00:14	DOY=173	S11E13	Pitch=+207", Yaw=+212", Roll=0deg	H. Ang=18deg
Start	00:14	Peak	Importance=C4		
GOES	23:47	00:14	Qual=02		
HXRBS	23:47	00:14	Peak...c/s=61		
UVSP	00:45	00:07	Wavelength=1397A	Step=0"	Pitch=+267", Yaw=+243"
Exp #	4788				

Event # = 761									
80/06/21,00:59	Start	DOY=173	Peak	End times	SMM Pointing:	S11E13	Pitch=+205", Yaw=+208", Roll=0deg	H. Ang=18deg	
Optical					Ha...Class=2N				
GOES	00:30	00:59	01:15		Importance=M2	S12E17	Mac.=BX0	Carr.Lon.=178deg	H. Ang=22deg
HXRBS	00:45:18	00:58:22	01:10:41		Peak...c/s=435	Qual=01			
BCS	00:45	01:04	01:45		CaPeak.c/s=713	Qual=02	Tot Cts=1.99E+5	Flags=SN	
FCS	01:04	01:04			Peak3..c/s=1236	Qual=1	FePeak.c/s=168	#Peaks=1	dt= 3.0s
HXIS		00:59			Peak...c/s=1375		Rast=120"x120"	Step=15"	XEN=17300
UVSP	00:58				Wavelength=1401A	Code=00	Rast=28"x28"	Pitch=+227", Yaw=+207"	
Radio Sweeps				Type/Intensity:	11/3				
Radio	Frequency (MHz)/Flux(sfu):	606/58	1415/210	2695/180	4995/86	8800/87			
Event # = 762									
80/06/21,01:20	Start	DOY=173	Peak	End times	SMM Pointing:	S11E13	Pitch=+205", Yaw=+208", Roll=0deg	H. Ang=18deg	
Optical					Ha...Class=1B	N21W90			
Optical					Code=EPL	N17W90	Mac.=CH0	Carr.Lon.=285deg	H. Ang=89deg
GOES	01:15	01:20	02:20		Importance=X3	Qual=01		Carr.Lon.=285deg	H. Ang=89deg
HXRBS	01:12:40	01:18:40	01:35:12		Peak...c/s=141391	Qual=01	Tot Cts=4.14E+6	MaxkeV=485	
GRS	01:18:20		01:19:26		Max..E..MeV= 1.0		Nuclear.Line=Y	>10MeV=Y	Neutrons=Y
UVSP	00:58				Wavelength=1401A	Code=00	Rast=28"x28"	Step=4"	Pitch=+227", Yaw=+207"
Radio	Frequency (MHz)/Flux(sfu):	245/560	410/410	606/340	1415/340	2695/560	4995/670	8800/1600	15400/2800
HXRBS	01:39:02	01:40:12	01:45:28		Peak...c/s=103	Qual=03	MaxkeV=126	Flags=EN,ND	
Radio Sweeps		Type/Intensity:	11/2	IV/4	V/2				
Event # = 20287									
80/06/21,02:25	Start	DOY=173	Peak	End times	SMM Pointing:	S11E12	Pitch=+207", Yaw=+186", Roll=0deg	H. Ang=17deg	
GOES	02:21	02:25	03:21		CaPeak.c/s=85	Qual=06			
BCS	02:25	02:35			Peak3..c/s=284	Qual=5	FePeak.c/s=14	#Peaks=1	dt= 3.0s
FCS	02:20				Wavelength=1397A		Rast=120"x120"	Step=15"	XEN=17301
UVSP							Rast=4"x4"	Step=0"	Cad=65.5s
						Exp #=4791		Pitch=+227", Yaw=+207"	
Event # = 764									
80/06/21,02:52	Start	DOY=173	Peak	End times	SMM Pointing:	S11E12	Pitch=+207", Yaw=+186", Roll=0deg	H. Ang=17deg	
GOES	02:49	02:52	02:59		Importance=C8	Qual=01			
HXRBS	02:48:29	02:52:27	02:55:01		Peak...c/s=309	Qual=01	Tot Cts=15655		
UVSP	02:33				Wavelength=1401A	Code=00	MaxkeV=126	Step=4"	Pitch=+215", Yaw=+255"
							Rast=28"x28"		
Event # = 765									
80/06/21,04:51	Start	DOY=173	Peak	End times	SMM Pointing:	S11E11	Pitch=+210", Yaw=+175", Roll=0deg	H. Ang=17deg	
GOES	04:46	04:51	05:06		Importance=C4	Qual=01			
HXRBS	04:47:24	04:48:34	04:51:12		Peak...c/s=269	Qual=01	Tot Cts=11619		
BCS	04:56	04:56	04:57		CaPeak.c/s=25	Qual=2	FePeak.c/s=13	#Peaks=1	XEN=17302
FCS		04:56			Peak3..c/s=22		Rast=240"x240"	Step=15"	Cad= 262s
UVSP	04:14				Wavelength=1401A	Code=00	Rast=28"x28"	Step=4"	Pitch=+187", Yaw=+151"

Event # = 766									
80/06/21, 05:57	DOY=173	End times	SMM Pointing:	S11E10	Pitch=+207" , Yaw=+162" , Roll=0deg	H. Ang=16deg			
Start	Peak								
G0ES 05:53	05:57	06:00	Importance=C4	Qual=01					
HXRBS 05:53:28	05:54:12	05:57:23	Peak...c/s=735	Qual=01					
UVSP 05:55	05:54:12	05:57:23	Wave length=1401A	Code=00					
Radio Frequency (MHz)/Flux(sfu):	8800/120 15400/73								
Event # = 767									
80/06/21, 06:23	DOY=173	End times	SMM Pointing:	S11E10	Pitch=+207" , Yaw=+162" , Roll=0deg	H. Ang=16deg			
Start	Peak								
G0ES 06:21	06:23	06:24	Importance=C2	Qual=01					
HXRBS 06:25:54	06:26:23	06:27:06	Peak...c/s=83	Qual=01					
UVSP 06:00	06:26:23	06:27:06	Wave length=1401A	Code=00					
Event # = 768									
80/06/21, 06:31	DOY=173	End times	SMM Pointing:	S11E10	Pitch=+207" , Yaw=+162" , Roll=0deg	H. Ang=16deg			
Start	Peak								
G0ES 06:24	06:31	06:44	Importance=C3	Qual=03					
HXRBS 06:28:03	06:29:26	06:31:04	Peak...c/s=125	Qual=01					
UVSP 06:00	06:29:26	06:31:04	Wave length=1401A	Code=00					
Event # = 769									
80/06/21, 10:46	DOY=173	End times	SMM Pointing:	S11E08	Pitch=+205" , Yaw=+124" , Roll=0deg	H. Ang=15deg			
Start	Peak								
G0ES 10:41	10:46	10:54	Importance=C5	Qual=04					
HXRBS 10:44:17	10:44:30	10:47:07	Peak...c/s=193	Qual=02					
UVSP 10:45	10:44:30	10:47:07	Wave length=1397A	Code=00					
Event # = 20677									
80/06/21, 13:53	DOY=173	End times	SMM Pointing:		Pitch=+1" , Yaw=+1502" , Roll=0deg				
Start	Peak			Qual=00					
G0ES C/P 13:53			PA=300deg						
Event # = 4263									
80/06/21, 17:27	DOY=173	End times	SMM Pointing:	S11E04	Pitch=+212" , Yaw=+60" , Roll=0deg	H. Ang=13deg			
Start	Peak								
G0ES 17:23	17:27	17:33	Importance=C4	Qual=01					
HXRBS 17:26:10	17:27:03	17:28:27	Peak...c/s=161	Qual=01					
UVSP 18:20	17:27:03	17:28:27	Wave length=1397A						
Event # = 4264									
80/06/21, 17:40	DOY=173	End times	SMM Pointing:	S11E03	Pitch=+210" , Yaw=+49" , Roll=0deg	H. Ang=13deg			
Start	Peak								
Optical			Ha...Class=SN	S28E21	Mac.=EAI	Carr. Lon.=165deg			
G0ES 17:34	17:40	18:10	Importance=C6	Qual=03					
HXRBS 17:33:05	17:38:32	17:38:32	Peak...c/s=76	Qual=01					
UVSP 18:20	17:38:32	17:38:32	Wave length=1397A						
Event # = 770									
80/06/21, 20:30	DOY=173	End times	SMM Pointing:	S11E01	Pitch=+210" , Yaw=+19" , Roll=0deg	H. Ang=13deg			
Start	Peak								
G0ES				Qual=06					
HXRBS 20:30:03	20:30:30	20:32:58	Peak...c/s=162	Qual=01					
UVSP 20:09	20:30:30	20:32:58	Wave length=1401A						
Event # = 4265									
80/06/21, 20:30	DOY=173	End times	SMM Pointing:	S11E01	Pitch=+225" , Yaw=+43"				
Start	Peak								
G0ES				Qual=06					
HXRBS 20:30:03	20:30:30	20:32:58	Peak...c/s=162	Qual=01					
UVSP 20:09	20:30:30	20:32:58	Wave length=1401A						

Event # = 771																
80/06/21,22:22	DOY=173		SMM Pointing:	S11W00				Pitch=+209", Yaw=+8", Roll=0deg	H. Ang=13deg							
Optical	Start	End times														
GOES	22:16	22:22	Ha...Class=1N	S10W90	AR2507			Carr. Lon.=273deg	H. Ang=90deg							
HXRBS	22:15:05	22:16:45	Importance=C1	Qual=01												
UVSP	22:16		Peak...c/s=78	Qual=01	Tot Cts=1933			MaxkeV=55								
			Wavelength=1397A	Code=00	Exp #=4825			Rast=4" x4"	Step=0" Pitch=+189", Yaw=-4"							
Event # = 772																
80/06/21,23:54	DOY=173		SMM Pointing:	S11W00				Pitch=+208", Yaw=-8", Roll=0deg	H. Ang=13deg							
Optical	Start	End times														
GOES	23:34	23:54	Importance=C2	Qual=03												
HXRBS	23:54:00	23:57:10	Peak...c/s=76	Qual=01	Tot Cts=2613			MaxkeV=126								
UVSP	23:52		Wavelength=1397A	Code=00	Exp #=4830			Rast=4" x4"	Step=0" Pitch=+161", Yaw=-23"							
80/06/22 DOY=174																
Event # = 773																
80/06/22,04:31	DOY=174		SMM Pointing:	S11W03				Pitch=+209", Yaw=-50", Roll=0deg	H. Ang=13deg							
Optical	Start	End times														
GOES	04:28	04:31	Importance=C2	Qual=01												
HXRBS	04:32:25	04:32:55	Peak...c/s=88	Qual=01				MaxkeV=55								
UVSP	04:11		Wavelength=1401A	Code=00	Exp #=4844			Rast=40" x40"	Step=4" Pitch=+263", Yaw=-20"							
Radio	Sweeps	Type/Intensity:	410/290 606/70 1415/130 2695/27													
Frequency (MHz)/Flux(sfu):																
Event # = 774																
80/06/22,17:07	DOY=174		SMM Pointing:					Pitch=+1183", Yaw=+635", Roll=-6deg								
Optical	Start	End times														
GOES	17:03	17:07	Importance=C2	Qual=01												
HXRBS	17:05:05	17:05:15	Peak...c/s=81	Qual=01				MaxkeV=55								
UVSP	16:54		Wavelength=1555A	Code=00	Exp #=4865			Rast=80" x80"	Step=10" Pitch=+1139", Yaw=+586"							
Event # = 775																
80/06/22,19:10	DOY=174		SMM Pointing:					Pitch=+1181", Yaw=+393", Roll=-6deg								
Optical	Start	End times														
GOES	18:57	19:10	Ha...Class=SB	N18W44	AR2524			Mac.=DK1	H. Ang=46deg							
HXRBS	18:57:30	19:04:20	Importance=M1	Qual=03												
UVSP	19:00	19:12:30	Peak...c/s=150	Qual=01	Tot Cts=13541			MaxkeV=126								
Radio	Sweeps	Type/Intensity:	410/290 606/70 1415/130 2695/27													
Frequency (MHz)/Flux(sfu):																
Event # = 776																
80/06/22,20:14	DOY=174		SMM Pointing:					Pitch=+1180", Yaw=+145", Roll=-6deg								
Optical	Start	End times														
GOES	20:05	20:14	Ha...Class=SF	S23E14	AR2530			Mac.=DAI	H. Ang=28deg							
HXRBS	20:13:40	20:14:15	Importance=C6	Qual=01												
UVSP	20:04	20:14:20	Peak...c/s=72	Qual=01	Exp #=4871			MaxkeV=55								
Radio	Sweeps	Type/Intensity:	410/290 606/70 1415/130 2695/27													
Frequency (MHz)/Flux(sfu):																
Event # = 777																
80/06/22,21:33	DOY=174		SMM Pointing:	N02W00				Pitch=-1", Yaw=-2", Roll=-2deg	H. Ang=0deg							
Optical	Start	End times														
GOES	21:22	21:33	Importance=C3	Qual=01												
HXRBS	21:29:35	21:33:10	Peak...c/s=98	Qual=01	Tot Cts=16000			MaxkeV=126								
UVSP	22:24		Wavelength=1542A		Exp #=4875			Rast=3" x3"	Step=0" Pitch=+242", Yaw=-130"							

Event # = 779									
80/06/22,21:56	DOY=174	End times	SMM Pointing:	N02W00	Pitch=-1" , Yaw=-2" , Roll=-2deg	H. Ang=0deg			
Optical	Start				Mac.=DKI	Carr. Lon.=216deg	H. Ang=48deg		
GOES	21:53	21:56	Ha...Class=1B	N20W46					
GOES	21:57:05	21:57:20	Importance=C4	Qual=01					
HXRBS	21:57:05	21:57:45	Peak...c/s=88	Qual=01					
UVSP	22:24		Wavelength=1542A	Exp # = 4875	Step=0"	Pitch=+242" , Yaw=-130"			
----- Associated Event # = 778 -----									
HXRBS	21:55:20	21:55:40	Peak...c/s=84	Qual=01					
Event # = 780									
80/06/22,22:14	DOY=174	End times	SMM Pointing:	S12W10	Pitch=+228" , Yaw=-162" , Roll=0deg	H. Ang=17deg			
GOES	Start								
HXRBS	22:12:20	22:14:05	Peak...c/s=90	Qual=00					
UVSP	22:24		Wavelength=1542A	Qual=01					
Tot Cts=600									
Exp # = 4875									
Pitch=+242" , Yaw=-130"									

80/06/23 DOY=175									
Event # = 20294									
80/06/23,00:49	DOY=175	End times	SMM Pointing:	S12W12	Pitch=+225" , Yaw=-194" , Roll=0deg	H. Ang=18deg			
Optical	Start								
GOES	00:43	00:49	Importance=C3	Qual=01					
BCS	00:45	00:45	CaPeak.c/s=20	Qual=1	FePeak.c/s=15	#Peaks=1	XEN=17500		
UVSP	00:47		Wavelength=1546A	Code=00	Rast=60"x60"	Step=3"	Pitch=+266" , Yaw=-198"		

Event # = 20307									
80/06/23,01:26	DOY=175	End times	SMM Pointing:	S12W12	Pitch=+225" , Yaw=-194" , Roll=0deg	H. Ang=18deg			
Optical	Start								
Optical			Ha...Class=SN	N24W40	Mac.=EKI	Carr. Lon.=208deg	H. Ang=44deg		
GOES	01:07	01:26	Importance=C5	S09W18		Carr. Lon.=186deg	H. Ang=21deg		
BCS	01:17	01:20	CaPeak.c/s=25	Qual=03					
FCS	01:19	01:19	Peak3...c/s=127	Qual=1	FePeak.c/s=7	#Peaks=1	XEN=17502		
UVSP	00:47		Wavelength=1546A	Code=00	Rast=120"x120"	Step=15"	Cad=65.5s	1.024s/pixel	
Exp # = 4881									
Pitch=+266" , Yaw=-198"									

Event # = 781									
80/06/23,02:18	DOY=175	End times	SMM Pointing:	S12W12	Pitch=+225" , Yaw=-194" , Roll=0deg	H. Ang=18deg			
Optical	Start								
Optical			Ha...Class=SN	N20W47	Mac.=EKI	Carr. Lon.=215deg	H. Ang=49deg		
GOES	02:11	02:18	Importance=M2	N11W48		Carr. Lon.=216deg	H. Ang=48deg		
HXRBS	02:21:05	02:21:15	Peak...c/s=153	Qual=04					
UVSP	02:19	02:22:25	Wavelength=1542A	Qual=01					
Tot Cts=1970									
Exp # = 4882									
Pitch=+266" , Yaw=-212"									

Radio Sweeps									
Type/Intensity:									
Frequency(MHz)/Flux(sfu):									
606/32 1415/35 2695/22 4995/41 8800/38									

Event # = 783												
80/06/23, 06:29	Start	DOY=175	End times	SMM Pointing:	S12W15	Pitch=+228", Yaw=-234", Roll=0deg	H. Ang=20deg					
Optical		Peak										
GOES 06:13	06:29	06:42		Ha...Class=SB	S12E49	Mac.=DS0	Carr. Lon.=117deg	H. Ang=51deg				
HXRBS 06:22:05	06:24:35	06:27:45		Importance=C9	Qual=03							
UVSP 05:55				Peak...c/s=490	Qual=01	MaxkeV=126						
Radio Sweeps	Type/Intensity:			Wavelength=1546A	Code=01	Rast=120"x120"	Step=3"	Pitch=+230", Yaw=-239"				
Radio	Frequency (MHz)/Flux(sfu):			III/1								
HXRBS 06:14:00	06:15:25	06:15:40		2695/46 4995/56 8800/12								
				Associated	Event # = 782							
				Peak...c/s=110	Qual=01	MaxkeV=126	-----					

Event # = 784												
80/06/23, 07:32	Start	DOY=175	End times	SMM Pointing:	S12W15	Pitch=+227", Yaw=-246", Roll=0deg	H. Ang=21deg					
GOES 07:29	07:32	07:43		Importance=C3	Qual=01							
HXRBS 07:31:40	07:31:50	07:32:00		Peak...c/s=99	Qual=01	MaxkeV=55						
UVSP 07:30				Wavelength=1542A	Code=00	Rast=3"x3"	Step=0"	Pitch=+230", Yaw=-246"				
Radio Sweeps	Type/Intensity:			III/1								

Event # = 785												
80/06/23, 09:17	Start	DOY=175	End times	SMM Pointing:	S12W16	Pitch=+225", Yaw=-259", Roll=0deg	H. Ang=21deg					
GOES 09:11	09:17	10:20		Importance=C3	Qual=03							
HXRBS 09:16:20	09:17:20	09:23:10		Peak...c/s=81	Qual=01	MaxkeV=55						
UVSP 09:13				Wavelength=1546A	Code=00	Rast=120"x120"	Step=3"	Pitch=+241", Yaw=-291"				
Radio	Frequency (MHz)/Flux(sfu):			245/510								

Event # = 786												
80/06/23, 11:08	Start	DOY=175	End times	SMM Pointing:	S12W17	Pitch=+226", Yaw=-273", Roll=0deg	H. Ang=22deg					
GOES 10:51	11:08	11:34		Importance=C3	Qual=03							
HXRBS 10:54:00	10:55:40	10:58:20		Peak...c/s=94	Qual=01	MaxkeV=55						
UVSP 10:53				Wavelength=1546A	Code=00	Rast=120"x120"	Step=3"	Pitch=+241", Yaw=-308"				

Event # = 787												
80/06/23, 12:29	Start	DOY=175	End times	SMM Pointing:	S12W18	Pitch=+225", Yaw=-283", Roll=0deg	H. Ang=22deg					
GOES 12:25	12:29	12:36		Importance=C3	Qual=01							
HXRBS 12:28:30	12:29:10	12:30:50		Peak...c/s=76	Qual=01	MaxkeV=55						
UVSP 12:21				Wavelength=1546A	Code=00	Rast=60"x60"	Step=3"	Pitch=+217", Yaw=-318"				

Event # = 788												
80/06/23, 12:46	Start	DOY=175	End times	SMM Pointing:	S12W18	Pitch=+225", Yaw=-283", Roll=0deg	H. Ang=22deg					
Optical												
GOES 12:37	12:46	12:57		Ha...Class=SB	N20W52	Mac.=EKI	Carr. Lon.=214deg	H. Ang=54deg				
HXRBS 12:35:30	12:38:25	12:50:00		Importance=M1	Qual=03							
UVSP 12:21				Peak...c/s=136	Qual=01	MaxkeV=55						
Radio	Frequency (MHz)/Flux(sfu):			4995/7 8800/17		Rast=60"x60"	Step=3"	Pitch=+217", Yaw=-318"				

Event # = 794									
80/06/23,23:41	Start	DOY=175	Peak	End times	SMM Pointing:	S12W24	Pitch=+226", Yaw=-381", Roll=0deg	H.Ang=28deg	
Optical					Ha...Class=1B	N18W62			
GOES	23:34	23:41	23:44	23:44	Importance=M4	Qual=01	Mac.=EKI	Carr.Lon.=218deg	H.Ang=63deg
HXRBS	23:33:59	23:35:47	23:46:39		Peak...c/s=647	Qual=01	Tot Cts=1.32E+5		
UVSP	23:12				Wavelength=1546A	Code=00	Rast=60"x60"	Pitch=+249", Yaw=-401"	
Radio	Frequency(MHz)/Flux(sfu):				245/270 410/3500	606/210			
Event # = 795									
80/06/23,23:59	Start	DOY=175	Peak	End times	SMM Pointing:	S12W24	Pitch=+226", Yaw=-381", Roll=0deg	H.Ang=28deg	
GOES						Qual=00			
HXRBS	23:59:30	23:59:54	00:00:30		Peak...c/s=104	Qual=01	MaxkeV=55		
UVSP	23:12				Wavelength=1546A		Rast=60"x60"	Pitch=+249", Yaw=-401"	
80/06/24 DOY=176									
Event # = 796									
80/06/24,00:03	Start	DOY=176	Peak	End times	SMM Pointing:	S12W24	Pitch=+226", Yaw=-381", Roll=0deg	H.Ang=28deg	
Optical					Ha...Class=SN	S26W06			
GOES	00:02	00:03	00:15	00:15	Importance=M1	Qual=02	Mac.=FAI	Carr.Lon.=162deg	H.Ang=29deg
HXRBS	00:02:39	00:03:04	00:04:09		Peak...c/s=79	Qual=01	MaxkeV=55		
UVSP	23:12				Wavelength=1546A	Code=00	Rast=60"x60"	Pitch=+249", Yaw=-401"	
80/06/24 DOY=176									
Event # = 797									
80/06/24,03:05	Start	DOY=176	Peak	End times	SMM Pointing:	S12W26	Pitch=+225", Yaw=-402", Roll=0deg	H.Ang=29deg	
Optical					Ha...Class=SF	S28W08			
GOES	02:55	03:05	03:40	03:40	Importance=C3	Qual=01	Mac.=FAI	Carr.Lon.=162deg	H.Ang=31deg
HXRBS	02:55:08	02:55:41	02:56:28		Peak...c/s=96	Qual=01	MaxkeV=55		
UVSP	02:33				Wavelength=1546A	Code=00	Rast=39"x39"	Pitch=+231", Yaw=-405"	
80/06/24,06:05									
Event # = 798									
80/06/24,06:05	Start	DOY=176	Peak	End times	SMM Pointing:	M02W01	Pitch=+4", Yaw=-9", Roll=0deg	H.Ang=1deg	
Optical					Ha...Class=SF	S28W05			
GOES	06:00	06:05	06:11	06:11	Importance=C2	Qual=01	Mac.=FAI	Carr.Lon.=158deg	H.Ang=31deg
HXRBS	06:00:58	06:01:27	06:01:48		Peak...c/s=87	Qual=01	MaxkeV=126		
UVSP	05:41				Wavelength=1546A		Rast=240"x240"	Pitch=-54", Yaw=-31"	
80/06/24,10:50									
Event # = 799									
80/06/24,10:50	Start	DOY=176	Peak	End times	SMM Pointing:	M02W00	Pitch=+1", Yaw=-1", Roll=0deg	H.Ang=0deg	
Optical					Ha...Class=SN	N23W63			
GOES	10:42	10:50	11:00	11:00	Importance=C4	Qual=01	Mac.=EAI	Carr.Lon.=213deg	H.Ang=64deg
HXRBS	10:42:57	10:43:43	10:45:09		Peak...c/s=91	Qual=01	MaxkeV=55		
UVSP	10:38				Wavelength=1548A	Code=00	Rast=240"x240"	Pitch=-54", Yaw=-49"	

Event # = 20270		80/06/24, 13:42		DOY=176		SMM Pointing:		N02W00		Pitch=+1", Yaw=-1", Roll=0deg		H. Ang=0deg	
Optical		Start		Peak		End times				Mac.=FAI		H. Ang=27deg	
GOES		13:31		13:42		14:12		AR2530		Carr. Lon.=157deg			
BCS		13:51		13:51		14:22		FePeak=13:51		#Peaks=1		XEN=17600	
FCS		13:52		13:52				Qual=5		Step=15"		Cad=65.5s	
HXIS		13:52		13:52				Peak...c/s=334		Pitch=0"		1.024s/pixel	
UVSP		13:48		13:52				Peak...c/s=149		Step=0"		Pitch=+497", Yaw=-160"	
								Wavelength=1542A		Exp #=4950			
Event # = 800		80/06/24, 15:24		DOY=176		SMM Pointing:		S28W13		Pitch=+475", Yaw=-190", Roll=0deg		H. Ang=33deg	
Optical		Start		Peak		End times				Mac.=FAI		H. Ang=34deg	
GOES		15:19		15:24		15:40		AR2522		Carr. Lon.=162deg			
HXRB		15:21:48		15:22:51		15:26:28		Qual=01		MaxkeV=126		XEN=17609	
BCS		15:21		15:24		15:59		Qual=01		FePeak.c/s=135		Cad=65.5s	
FCS		15:24		15:24				Qual=1		Step=15"		1.024s/pixel	
HXIS		15:25		15:25				Peak...c/s=896		Pitch=3"		Yaw=-205"	
UVSP		15:10		15:25				Peak...c/s=541		Step=3"			
Radio		Frequency		(MHz)/Flux(sfu):				Wavelength=1546A		Exp #=4955			
								1415/9 2695/13 4995/28 8800/17 15400/24					
Event # = 801		80/06/24, 16:50		DOY=176		SMM Pointing:		S28W14		Pitch=+471", Yaw=-204", Roll=0deg		H. Ang=33deg	
Optical		Start		Peak		End times				MaxkeV=55		Pitch=+484", Yaw=-222"	
GOES		16:49:48		16:50:13		16:50:28		Qual=00		Step=3"			
HXRB		16:49		16:50		16:50		Qual=01		Exp #=4958			
UVSP		16:46		16:46				Peak...c/s=87					
								Wavelength=1546A					
Event # = 802		80/06/24, 17:08		DOY=176		SMM Pointing:		S28W14		Pitch=+471", Yaw=-204", Roll=0deg		H. Ang=33deg	
Optical		Start		Peak		End times				Mac.=FAI		H. Ang=35deg	
GOES		16:59		17:08		17:20		AR2522		Carr. Lon.=163deg		H. Ang=26deg	
HXRB		17:02:36		17:02:56		17:03:06		AR2530		Carr. Lon.=153deg			
BCS		17:00		17:04		17:15		Qual=01		MaxkeV=55		XEN=17601	
FCS		17:11		17:11				Qual=01		FePeak.c/s=13		dt= 5.6s	
HXIS		17:03		17:03				Qual=1		Step=15"		Cad=65.5s	
UVSP		16:46		17:03				Peak...c/s=229		Step=15"		1.024s/pixel	
Radio		Frequency		(MHz)/Flux(sfu):				Peak...c/s=76		Pitch=3"		Yaw=-222"	
								Wavelength=1546A		Exp #=4958			
								2695/29 4995/78 8800/77 15400/46					
Event # = 803		80/06/24, 20:03		DOY=176		SMM Pointing:		S28W16		Pitch=+474", Yaw=-231", Roll=0deg		H. Ang=34deg	
Optical		Start		Peak		End times				Mac.=FAI		H. Ang=29deg	
GOES		19:55		20:03		20:19		AR2530		Carr. Lon.=159deg		H. Ang=72deg	
HXRB		19:43:23		19:58:20		20:10:24		AR2524		Carr. Lon.=217deg			
BCS		19:57		19:59		20:25		Qual=01		MaxkeV=260		XEN=17602	
FCS		19:59		19:59				Qual=01		FePeak.c/s=86		dt= 5.6s	
HXIS		20:02		20:02				Qual=1		Step=15"		Cad=65.5s	
UVSP		19:59		20:02				Peak...c/s=405		Step=3"		Pitch=+487", Yaw=-243"	
								Wavelength=1546A		Exp #=4964			
								Code=00					

Event # = 804									
80/06/24,21:26	DOY=176	Peak	End times	SMM Pointing:	S28W17	Pitch=+473", Yaw=-242", Roll=0deg	H. Ang=34deg		
GOES					Qual=06				
HXRBS	21:24:52	21:26:51	21:27:52	Peak....c/s=134	Qual=01	MaxkeV=126			
UVSP	21:28			Wavelength=1397A	Exp #=4966	Rast=4"x4"	Step=0" Pitch=+487", Yaw=-255"		
Event # = 805									
80/06/24,21:47	DOY=176	Peak	End times	SMM Pointing:	S28W16	Pitch=+473", Yaw=-236", Roll=0deg	H. Ang=34deg		
Optical									
GOES				Ha...Class=SF	S18E30	Mac.=DSI	Carr. Lon.=114deg	H. Ang=36deg	
HXRBS	21:45:56	21:47:46	21:48:26	Peak....c/s=72	Qual=01	MaxkeV=55			
UVSP	21:40			Wavelength=1401A	Exp #=4968	Rast=28"x28"	Step=4" Pitch=+393", Yaw=-259"		
Event # = 806									
80/06/24,23:21	DOY=176	Peak	End times	SMM Pointing:	S28W18	Pitch=+472", Yaw=-253", Roll=0deg	H. Ang=34deg		
Optical									
Optical				Ha...Class=1N	S28W14	Mac.=FAI	Carr. Lon.=157deg	H. Ang=33deg	
Optical				Ha...Class=1N	S22W14		Carr. Lon.=157deg	H. Ang=28deg	
GOES	22:54	23:21	00:01	Ha...Class=SF	S10E19		Carr. Lon.=124deg	H. Ang=23deg	
HXRBS	23:03:24	23:05:54	23:07:24	Importance=C6	Qual=01	MaxkeV=55			
BCS	23:02	23:18	23:50	Peak....c/s=70	Qual=01	FePeak.c/s=19	#Peaks=1 dt= 5.6s	XEN=17604	
FCS	23:37	23:37		CaPeak.c/s=108	Qual= 1	Rast=120"x120"	Step=15" Cad=65.5s	1.024s/pixel	
HXIS		23:17		Peak3...c/s=712					
UVSP	23:17			Peak....c/s=421		Rast=28"x28"	Step=4" Pitch=+382", Yaw=-215"		
Radio	Frequency (MHz)/Flux(sfu):	2695/25	8800/790	Wavelength=1401A	Code=00	Exp #=4971			
Event # = 807									
80/06/25,00:51	DOY=177	Peak	End times	SMM Pointing:	S28W18	Pitch=+472", Yaw=-265", Roll=0deg	H. Ang=35deg		
Optical									
GOES	00:47	00:51	01:09	Ha...Class=SB	S22W13	Mac.=EAI	Carr. Lon.=155deg	H. Ang=27deg	
HXRBS	00:47:22	00:48:06	00:51:02	Importance=C6	Qual=01	MaxkeV=55			
BCS	00:47	00:51	00:57	Peak....c/s=136	Qual=01	FePeak.c/s=26	#Peaks=1	XEN=17703	
FCS		00:50		CaPeak.c/s=125	Qual= 1	Rast=120"x120"	Step=15" Cad=65.5s	1.024s/pixel	
HXIS		00:49		Peak3...c/s=349					
UVSP	00:49			Peak....c/s=117		Rast=240"x240"	Step=4" Pitch=+415", Yaw=-293"		
Event # = 20272									
80/06/25,03:32	DOY=177	Peak	End times	SMM Pointing:	S28W19	Pitch=+471", Yaw=-272", Roll=0deg	H. Ang=35deg		
GOES	03:30	03:32	03:38						
UVSP	03:21			Importance=C1	Qual=02	Rast=28"x28"	Step=4" Pitch=+393", Yaw=-199"		
Event # = 808									
80/06/25,03:58	DOY=177	Peak	End times	SMM Pointing:	M02W00	Pitch=+2", Yaw=-2", Roll=0deg	H. Ang=0deg		
GOES	03:53	03:58	04:10						
HXRBS	03:55:04	03:56:32	03:59:04	Importance=C3	Qual=01	MaxkeV=55	Flags=SA		
UVSP	03:21			Peak...c/s=89	Qual=02	Rast=28"x28"	Step=4" Pitch=+393", Yaw=-199"		
Radio	Frequency (MHz)/Flux(sfu):	2695/27	4995/46	Wavelength=1401A	Exp #=4978				

Event # = 809	DOY=177	Start	End times	SMM Pointing:	N02W00	Pitch=+0", Yaw=-6", Roll=0deg	H. Ang=0deg
Optical				Ha...Class=S8	N22E64		
GOES	12:35	12:43	12:56	Importance=C7	Qual=03		
HXRBS	12:36:04	12:38:11	12:43:32	Peak...c/s=275	Qual=01		
UVSP	13:42			Wavelength=1542A			
Radio	Frequency (MHz)/Flux(sfu) :			2695/80 4995/190 8800/270 15400/94			
Event # = 6830	DOY=177	Start	End times	SMM Pointing:	S28W26	Pitch=+471", Yaw=-367", Roll=0deg	H. Ang=39deg
Optical				Ha...Class=SF	S23W23		
GOES	15:18	15:25	15:33	Importance=C1	Qual=01		
HXRBS	15:21:37	15:21:44	15:21:57	Peak...c/s=80	Qual=01		
BCS	15:21	15:23	15:29	CaPeak.c/s=41	Qual= 1		
FCS				Wavelength=1546A	Code=00		
UVSP	15:08			Exp #=4985			
Event # = 810	DOY=177	Start	End times	SMM Pointing:	S28W26	Pitch=+471", Yaw=-367", Roll=0deg	H. Ang=39deg
Optical				Ha...Class=18	S29W28		
GOES	15:50	15:54	16:07	Importance=M4	Qual=01		
HXRBS	15:48:27	15:51:59	15:59:32	Peak...c/s=2880	Qual=01		
BCS	15:49	15:54	15:59	CaPeak.c/s=1832	Qual= 1		
FCS				Wavelength=1546A	Code=00		
UVSP	15:08			Exp #=4985			
Radio	Frequency (MHz)/Flux(sfu) :			2695/80 4995/190 8800/270 15400/94			
Event # = 20312	DOY=177	Start	End times	SMM Pointing:	S28W26	Pitch=+471", Yaw=-367", Roll=0deg	H. Ang=39deg
Optical				Importance=M2	Qual=05		
GOES	16:20	16:29	17:10	CaPeak.c/s=211	Qual= 5		
BCS	16:35	16:36	17:04	Peak3...c/s=52			
FCS		16:36		Peak...c/s=421			
HXIS		16:36		Wavelength=1542A	Code=02		
UVSP	16:37			Exp #=4986			
Event # = 812	DOY=177	Start	End times	SMM Pointing:	S28W27	Pitch=+471", Yaw=-378", Roll=0deg	H. Ang=40deg
Optical				Ha...Class=SN	S28W35		
Optical				Ha...Class=SN	S32W22		
GOES	17:10	17:25	17:35	Importance=C5	Qual=01		
HXRBS	17:23:38	17:24:32	17:25:39	Peak...c/s=116	Qual=01		
BCS	17:11	17:25	17:30	CaPeak.c/s=53	Qual= 1		
FCS		17:16		Peak3...c/s=54			
HXIS		17:24		Peak...c/s=68			
UVSP	16:45			Wavelength=1546A	Code=00		
Radio	Frequency (MHz)/Flux(sfu) :			2695/80 4995/190 8800/270 15400/94			
Event # = 811	DOY=177	Start	End times	SMM Pointing:	S28W27	Pitch=+471", Yaw=-378", Roll=0deg	H. Ang=40deg
Optical				Ha...Class=SN	S28W35		
Optical				Ha...Class=SN	S32W22		
GOES	17:10	17:25	17:35	Importance=C5	Qual=01		
HXRBS	17:23:38	17:24:32	17:25:39	Peak...c/s=116	Qual=01		
BCS	17:11	17:25	17:30	CaPeak.c/s=53	Qual= 1		
FCS		17:16		Peak3...c/s=54			
HXIS		17:24		Peak...c/s=68			
UVSP	16:45			Wavelength=1546A	Code=00		
Radio	Frequency (MHz)/Flux(sfu) :			2695/80 4995/190 8800/270 15400/94			

Event # = 20315									
80/06/25, 18:50	DOY=177	Peak	End times	SMM Pointing:	S28W28		Pitch=+471", Yaw=-390", Roll=0deg	H. Ang=40deg	
Optical				Ha...Class=SN	S24W26		Mac.=EAI	Carr. Lon.=158deg	H. Ang=37deg
GOES 18:45	18:50		18:56	Importance=C3	Qual=01				
BCS 18:49	18:50		18:52	CaPeak.c/s=26	Qual= 5	FePeak=18:49	FePeak.c/s=17	#Peaks=1	XEN=17710
FCS	18:49						Rast=0"x0"	Step=0"	3840s/pixel
UVSP 18:21	18:49			Wavelength=1546A	Code=00	Exp #=4991	Rast=60"x60"	Pitch=+472", Yaw=-408"	
Event # = 20276									
80/06/25, 19:05	DOY=177	Peak	End times	SMM Pointing:	S28W28		Pitch=+470", Yaw=-390", Roll=0deg	H. Ang=40deg	
Optical				Ha...Class=SF	S29W37		Mac.=FKI	Carr. Lon.=169deg	H. Ang=47deg
GOES 19:02	19:05		19:07	Importance=C2	Qual=03				
BCS 19:05	19:06		19:06	CaPeak.c/s=19	Qual= 1	FePeak=19:05	FePeak.c/s=9	#Peaks=1	XEN=17712
UVSP 18:21	19:06			Wavelength=1546A	Code=00	Exp #=4991	Rast=60"x60"	Pitch=+472", Yaw=-408"	
Event # = 813									
80/06/25, 19:44	DOY=177	Peak	End times	SMM Pointing:	S28W28		Pitch=+470", Yaw=-390", Roll=0deg	H. Ang=40deg	
GOES					Qual=00				
HXRBS 19:39:50	19:44:40		19:48:30	Peak....c/s=105	Qual=02	Tot Cts=17104	MaxkeV=126	Flags=SN, ND	
UVSP 19:50	19:50			Wavelength=1397A		Exp #=4993	Rast=4"x4"	Step=0"	Pitch=+472", Yaw=-419"
Event # = 814									
80/06/25, 19:53	DOY=177	Peak	End times	SMM Pointing:	S28W28		Pitch=+468", Yaw=-399", Roll=0deg	H. Ang=41deg	
GOES					Qual=00		MaxkeV=55		
HXRBS 19:52:50	19:53:05		19:53:15	Peak....c/s=94	Qual=01	Exp #=4993	Rast=4"x4"	Step=0"	Pitch=+472", Yaw=-419"
UVSP 19:50	19:50			Wavelength=1397A					
Event # = 815									
80/06/25, 21:21	DOY=177	Peak	End times	SMM Pointing:	S28W29		Pitch=+470", Yaw=-401", Roll=0deg	H. Ang=41deg	
Optical				Ha...Class=SN	S28W39		Mac.=FKI	Carr. Lon.=170deg	H. Ang=48deg
GOES 21:20	21:21		21:31	Importance=C2	Qual=05				
HXRBS 21:21:50	21:23:00		21:28:30	Peak....c/s=139	Qual=02	Tot Cts=15131	MaxkeV=260	Flags=SN	
BCS 21:23	21:23		21:55	CaPeak.c/s=23	Qual= 5	FePeak=21:23	FePeak.c/s=19	#Peaks=1	XEN=17713
FCS	21:24			Peak3...c/s=30			Rast=0"x0"	Step=0"	3840s/pixel
UVSP 21:26	21:26			Wavelength=1397A	Code=02	Exp #=4996	Rast=4"x4"	Pitch=+462", Yaw=-437"	
Radio				Frequency(MHz)/Flux(sfu):	410/51				
Event # = 816									
80/06/25, 22:04	DOY=177	Peak	End times	SMM Pointing:	S28W29		Pitch=+467", Yaw=-412", Roll=0deg	H. Ang=41deg	
GOES					Qual=00				
HXRBS 22:02:40	22:04:40		22:08:20	Peak....c/s=66	Qual=01		MaxkeV=55	Flags=ND	
UVSP 21:39	21:39			Wavelength=1401A		Exp #=4998	Rast=28"x28"	Step=4"	Pitch=+466", Yaw=-518"
Event # = 817									
80/06/25, 22:19	DOY=177	Peak	End times	SMM Pointing:	S28W29		Pitch=+467", Yaw=-412", Roll=0deg	H. Ang=41deg	
GOES					Qual=03				
HXRBS 22:11	22:19		22:38	Importance=C2	Qual=01		MaxkeV=126		
UVSP 22:19:00	22:19:10		22:19:20	Peak....c/s=67	Code=00	Exp #=4998	Rast=28"x28"	Step=4"	Pitch=+466", Yaw=-518"

Event # = 818	80/06/25, 23:52	DOY=177	SMM Pointing:	S28W30	Pitch=+471", Yaw=-423", Roll=0deg	H. Ang=42deg
Optical	Start	Peak	Ha...Class=1N	N21W90	Mac.=CS0	H. Ang=89deg
GOES	23:42	23:52	Importance=C3	Qual=03	Carr. Lon.=220deg	
HXRBS	23:45:30	23:47:40	Peak...c/s=86	Qual=01	MaxkeV=126	
UVSP	23:15	23:51:40	Wavelength=1401A	Code=00	Rast=28"x28"	Pitch=+478", Yaw=-581"
					Step=4"	
					Tot Cts=3170	
					Exp #=5001	
					DOY=178	
Event # = 819	80/06/26, 01:20	DOY=178	SMM Pointing:	S28W31	Pitch=+472", Yaw=-435", Roll=0deg	H. Ang=43deg
Optical	Start	Peak	Ha...Class=SB	S25W32	Mac.=EAO	H. Ang=41deg
GOES	01:20	01:20	Importance=C2	Qual=01	MaxkeV=126	
HXRBS	01:19:10	01:19:20	Peak...c/s=97	Qual=01	FePeak.c/s=16	XEN=17800
BCS	01:19	01:20	CaPeak.c/s=37	Qual=1	Rast=0"x0"	Cad=3840s
FCS	01:21	01:25	Peak3...c/s=27		Step=0"	3840s/pixel
UVSP	01:11	01:21	Wavelength=1548A	Code=00	Step=3"	Pitch=+431", Yaw=-488"
Radio	Sweeps	Type/Intensity:				
Radio	Frequency (MHz)/Flux(sfu):	111/1				
		2695/16				
Event # = 820	80/06/26, 03:55	DOY=178	SMM Pointing:	S28W33	Pitch=+466", Yaw=-456", Roll=0deg	H. Ang=44deg
GOES	Start	Peak	Importance=C2	Qual=06	MaxkeV=55	
HXRBS	03:54:50	03:55:10	Peak...c/s=73	Qual=01	Rast=240"x240"	Pitch=+431", Yaw=-506"
UVSP	03:49	03:55:30	Wavelength=3085A		Step=3"	
					Exp #=5013	
Event # = 821	80/06/26, 04:20	DOY=178	SMM Pointing:	S28W33	Pitch=+466", Yaw=-456", Roll=0deg	H. Ang=44deg
GOES	Start	Peak	Importance=C2	Qual=01	MaxkeV=55	
HXRBS	04:15	04:20	Peak...c/s=118	Qual=01	Rast=3"x3"	
UVSP	04:18:40	04:19:30	Wavelength=1548A	Code=00	Step=0"	Pitch=+462", Yaw=-609"
Radio	Frequency (MHz)/Flux(sfu):	410/360				
Event # = 20278	80/06/26, 05:34	DOY=178	SMM Pointing:	S28W33	Pitch=+469", Yaw=-461", Roll=0deg	H. Ang=44deg
GOES	Start	Peak	Importance=C3	Qual=04	FePeak.c/s=10	XEN=17802
BCS	05:22	05:34	CaPeak.c/s=25	Qual=5	Rast=0"x0"	Cad=3840s
FCS	05:32	05:37	Peak3...c/s=28		Step=0"	3840s/pixel
UVSP	05:30	05:34	Wavelength=1546A	Code=00	Step=10"	Pitch=+461", Yaw=-617"
					Rast=30"x30"	
Event # = 822	80/06/26, 07:43	DOY=178	SMM Pointing:	S28W35	Pitch=+470", Yaw=-477", Roll=0deg	H. Ang=45deg
GOES	Start	Peak	Importance=C1	Qual=01	MaxkeV=55	
HXRBS	07:36	07:43	Peak...c/s=86	Qual=01	Rast=6"x6"	Pitch=+461", Yaw=-630"
UVSP	07:42:30	07:42:50	Wavelength=1546A	Code=00	Step=3"	
	07:27	07:43:00			Exp #=5022	

Event # = 823									
80/06/26, 07:53	DOY=178	Peak	End times	SMM Pointing:	S28W35	Pitch=+470", Yaw=-477", Roll=0deg	H. Ang=45deg		
GOES 07:51	07:53	08:00	Importance=C1	Qual=01					
HXRBS 07:52:20	07:52:50	07:53:15	Peak...c/s=75	Qual=01					
UVSP 07:27			Wavelength=1546A	Code=00	Exp #=5022	Step=3" Pitch=+461", Yaw=-630"			
Event # = 20316									
80/06/26, 13:22	DOY=178	Peak	End times	SMM Pointing:	S28W40	Pitch=+470", Yaw=-542", Roll=0deg	H. Ang=49deg		
GOES 13:22	13:22	13:25	CaPeak.c/s=28	Qual=00					
BCS 13:22	13:22		Peak3...c/s=42	Qual= 5	FePeak=13:22	FePeak.c/s=9	#Peaks=1	XEN=17804	
FCS 13:24			Wavelength=1542A		Exp #=5031	Rast=0"x0"	Step=0"	3840s/pixel	
UVSP 13:24						Rast=3"x3"	Step=0"	Pitch=+492", Yaw=-522"	
Event # = 20730									
80/06/26, 13:28	DOY=178	Peak	End times	SMM Pointing:	S28W41	Pitch=+469", Yaw=-553", Roll=0deg	H. Ang=50deg		
GOES 13:27	13:28	13:28	CaPeak.c/s=19	Qual=00					
BCS 13:24			Wavelength=1542A		FePeak=13:28	FePeak.c/s=7	#Peaks=1	XEN=17815	
UVSP 13:24					Exp #=5031	Rast=3"x3"	Step=0"	Pitch=+492", Yaw=-522"	
Event # = 824									
80/06/26, 18:23	DOY=178	Peak	End times	SMM Pointing:	S29W42	Pitch=+481", Yaw=-557", Roll=0deg	H. Ang=51deg		
GOES 18:20	18:23	18:30	Importance=C1	Qual=01					
HXRBS 18:22:10	18:22:35	18:23:10	Peak...c/s=142	Qual=01	Tot Cts=2176	MaxkeV=126			
UVSP 18:18			Wavelength=1400A	Code=00	Exp #=5040	Rast=120"x120"	Step=3" Pitch=+505", Yaw=-534"		
Radio	Frequency (MHz)/Flux (sfu): 410/48 606/28								
Event # = 20319									
80/06/26, 18:42	DOY=178	Peak	End times	SMM Pointing:	S29W42	Pitch=+481", Yaw=-557", Roll=0deg	H. Ang=51deg		
GOES 18:37	18:42	18:46	Importance=C2	Qual=01					
BCS 18:41	18:41	18:43	CaPeak.c/s=24	Qual= 1	FePeak=18:41	FePeak.c/s=13	#Peaks=1	XEN=17809	
FCS 18:42			Peak3...c/s=144		Exp #=5040	Rast=240"x240"	Step=15"	1.024s/pixel	
UVSP 18:18			Wavelength=1400A	Code=00	Event # = 20322	Rast=120"x120"	Step=3" Pitch=+505", Yaw=-534"		
BCS 18:45	18:45	18:45	CaPeak.c/s=18	Associated	FePeak=18:45	FePeak.c/s=13	#Peaks=1	XEN=17811	
Event # = 825									
80/06/26, 19:48	DOY=178	Peak	End times	SMM Pointing:	S29W43	Pitch=+480", Yaw=-568", Roll=0deg	H. Ang=52deg		
Optical 19:44	19:48	19:57	Ha...Class=SN	S31W42	AR2522	Mac.=FKI	Carr. Lon.=161deg	H. Ang=52deg	
GOES 19:45:20	19:45:40	19:47:45	Importance=C4	Qual=01					
HXRBS 19:45	19:48	20:02	Peak...c/s=153	Qual=02	Tot Cts=2898	MaxkeV=55	Flags=SN		
BCS 19:45	19:48		CaPeak.c/s=109	Qual= 5	FePeak=19:48	FePeak.c/s=23	#Peaks=1	dt= 1.0s	XEN=17812
FCS 19:49	19:49		Peak3...c/s=308			Rast=120"x120"	Step=15"	Cad=65.5s	1.024s/pixel
HXIS 19:48			Peak...c/s=187						
UVSP 21:51	Extrap St=06/26, 20:36		Wavelength=1329A	Code=02	Exp #=5042	Rast=3"x3"	Step=0"	Pitch=+506", Yaw=-538"	
C/P	North side of loop indistinct								

Event # = 830																	
80/06/27	04:15	DOY=179	SMM Pointing:			S29W47	Pitch=+480", Yaw=-609", Roll=0deg			H. Ang=55deg							
	Start	Peak	End times														
GOES	04:08	04:15	04:25			Qual=01											
HXRBS	04:22:05	04:22:30	04:22:55			Qual=01											
UVSP	04:08	Type/Intensity:		Exp #=5060		Step=0"		Pitch=+438", Yaw=-750"									
Radio Sweeps																	
Event # = 20679																	
80/06/27	04:21	DOY=179	SMM Pointing:			S29W47	Pitch=+480", Yaw=-609", Roll=0deg			H. Ang=55deg							
	Start	Peak	End times														
GOES	04:08	WaveLength=1549A			Qual=00												
UVSP	04:21	Extrap St=06/27,02:25			Exp #=5060	Step=0"			Pitch=+438", Yaw=-750"								
C/P	Front diffuse, interior starts as mound																
Event # = 832																	
80/06/27	04:35	DOY=179	SMM Pointing:			S29W47	Pitch=+480", Yaw=-609", Roll=0deg			H. Ang=55deg							
	Start	Peak	End times														
GOES	04:27	04:35	04:38			Qual=01											
HXRBS	04:33:20	04:34:10	04:37:10			Qual=01											
UVSP	04:08	WaveLength=1549A		Code=00		Step=0"		Pitch=+438", Yaw=-750"									
Associated																	
Tot Cts=4715																	
Exp #=5060																	
Event # = 831																	
Tot Cts=1200																	
Event # = 833																	
80/06/27	04:40	DOY=179	SMM Pointing:			S29W47	Pitch=+480", Yaw=-609", Roll=0deg			H. Ang=55deg							
	Start	Peak	End times														
GOES	04:38	04:40	04:50			Qual=02											
HXRBS	04:38:50	04:39:50	04:42:20			Qual=03											
BCS	04:42	04:42	04:42			Qual=1											
UVSP	04:08	WaveLength=1549A		Code=01		Step=0"		Pitch=+438", Yaw=-750"									
Radio Sweeps																	
Event # = 834																	
80/06/27	06:13	DOY=179	SMM Pointing:			S29W48	Pitch=+480", Yaw=-617", Roll=0deg			H. Ang=56deg							
	Start	Peak	End times														
GOES	06:05	06:13	06:20			Qual=01											
HXRBS	06:06:05	06:07:15	06:09:50			Qual=01											
UVSP	05:31	Type/Intensity:		Exp #=5060		Step=0"		Pitch=+453", Yaw=-738"									
Radio																	
Frequency (MHz)/Flux(sfu): 2695/16 4995/63 8800/36																	
Event # = 20283																	
80/06/27	07:53	DOY=179	SMM Pointing:			S29W49	Pitch=+478", Yaw=-624", Roll=0deg			H. Ang=56deg							
	Start	Peak	End times														
GOES	07:49	07:53	08:01			Qual=03											
BCS	07:52	07:53	07:56			Qual=01											
UVSP	07:11	WaveLength=1549A		Code=01		Step=0"		Pitch=+439", Yaw=-762"									
Event # = 835																	
80/06/27	12:21	DOY=179	SMM Pointing:			S29W51	Pitch=+476", Yaw=-646", Roll=0deg			H. Ang=58deg							
	Start	Peak	End times														
GOES	12:18	12:21	12:33			Qual=01											
HXRBS	12:21:00	12:21:15	12:21:45			Qual=01											
UVSP	12:13	WaveLength=1402A		Code=00		Step=4"		Pitch=+467", Yaw=-772"									
Event # = 5075																	

Event # = 4276	80/06/27 13:49	Start	DOY=179	Peak	End times	SMM Pointing:	S29W52	Pitch=+476", Yaw=-653", Roll=0deg	H. Ang=59deg
Optical	13:44	13:49	14:03	14:03	14:03	Ha...Class=SB	S30W49	Mac.=FA0	H. Ang=57deg
G0ES	13:46:23	13:48:17	13:49:33	13:49:33	13:49:33	Importance=C4	Qual=01	MaxkeV=126	XEN=17902
HXRBS	13:47	13:48	14:09	14:09	14:09	Peak...c/s=125	Qual=01	FePeak.c/s=30	Flags=1
BCS	13:47	13:48	14:09	14:09	14:09	CaPeak.c/s=102	Qual=1	Rast=240"x240"	Cad= 262s
FCS	13:47	13:48	14:09	14:09	14:09	Peak3...c/s=400		Step=15"	Step=15"
HXIS	13:46	13:47	14:09	14:09	14:09	Peak...c/s=219		Pitch=+477", Yaw=-650"	
UVSP	13:46	13:47	14:09	14:09	14:09	WaveLength=1401A	Code=00		
Radio	13:46	13:47	14:09	14:09	14:09	2695/12 4995/15 8800/12			
Frequency (MHz)/Flux(sfu):									
Event # = 20285	80/06/27 14:58	Start	DOY=179	Peak	End times	SMM Pointing:	S29W53	Pitch=+479", Yaw=-665", Roll=0deg	H. Ang=60deg
Optical	14:54	14:58	15:01	15:01	15:01	Ha...Class=SN	S29W64	Mac.=FA0	H. Ang=69deg
G0ES	14:54	14:58	15:01	15:01	15:01	Importance=C1	Qual=01	FePeak.c/s=10	XEN=17911
BCS	14:54	14:59	15:09	15:09	15:09	CaPeak.c/s=19	Qual=1	Step=0"	Pitch=+363", Yaw=-647"
UVSP	14:59	14:59	15:09	15:09	15:09	WaveLength=1329A	Code=02		
Event # = 20286	80/06/27 16:18	Start	DOY=179	Peak	End times	SMM Pointing:	S28W53	Pitch=+465", Yaw=-669", Roll=0deg	H. Ang=60deg
Optical	16:11	16:18	16:52	16:52	16:52	Ha...Class=SN	S25W64	Mac.=FA0	H. Ang=68deg
G0ES	16:11	16:18	16:52	16:52	16:52	Importance=M6	Qual=05	FePeak.c/s=22	XEN=17904
BCS	16:31	16:31	16:38	16:38	16:38	CaPeak.c/s=181	Qual= 5	Rast=240"x240"	Cad= 262s
FCS	16:34	16:34	16:38	16:38	16:38	Peak3...c/s=834		Step=15"	Step=15"
HXIS	16:32	16:30	16:30	16:30	16:30	Peak...c/s=232		Pitch=+349", Yaw=-661"	
UVSP	16:32	16:30	16:30	16:30	16:30	WaveLength=1541A			
C/P	16:59	16:59	16:59	16:59	16:59	PA=247deg			
Radio	16:59	16:59	16:59	16:59	16:59	Diffuse front and possible interior blob			
Sweeps	16:59	16:59	16:59	16:59	16:59	IV/3 V/I			
Frequency (MHz)/Flux(sfu):						245/1300 410/87 606/170 2695/390 4995/420 8800/740 15400/830			
Event # = 836	80/06/27 17:05	Start	DOY=179	Peak	End times	SMM Pointing:	S28W54	Pitch=+466", Yaw=-679", Roll=0deg	H. Ang=61deg
G0ES	17:03	17:05	17:06	17:06	17:06	Importance=C1	Qual=01	MaxkeV=126	
HXRBS	17:04:40	17:05:20	17:05:50	17:05:50	17:05:50	Peak...c/s=118	Qual=01	Rast=240"x240"	Pitch=+426", Yaw=-723"
UVSP	17:01	17:01	17:05	17:05	17:05	WaveLength=1548A	Code=00	Step=3"	Step=3"
Event # = 837	80/06/27 17:11	Start	DOY=179	Peak	End times	SMM Pointing:	S28W54	Pitch=+466", Yaw=-679", Roll=0deg	H. Ang=61deg
G0ES	17:06	17:11	17:18	17:18	17:18	Importance=C1	Qual=01	MaxkeV=126	
HXRBS	17:10:45	17:10:50	17:11:15	17:11:15	17:11:15	Peak...c/s=95	Qual=01	Rast=3"x3"	Pitch=+445", Yaw=-793"
UVSP	17:09	17:09	17:11	17:11	17:11	WaveLength=1547A	Code=00	Step=0"	Step=0"
Event # = 838	80/06/27 20:32	Start	DOY=179	Peak	End times	SMM Pointing:	S28W56	Pitch=+465", Yaw=-694", Roll=0deg	H. Ang=62deg
G0ES	20:28	20:32	20:43	20:43	20:43	Importance=C1	Qual=01	MaxkeV=55	
HXRBS	20:32:00	20:32:15	20:32:40	20:32:40	20:32:40	Peak...c/s=66	Qual=01	Rast=39"x39"	Pitch=+493", Yaw=-760"
UVSP	20:01	20:01	20:32	20:32	20:32	WaveLength=1547A	Code=00	Step=3"	Step=3"
Associated						Event # = 839			
HXRBS	20:32:55	20:33:00	20:33:15	20:33:15	20:33:15	Peak...c/s=60	Qual=01	MaxkeV=55	

Event # = 20288									
80/06/27, 21:19	Start	DOY=179	Peak	S28W56	SMM Pointing:	End times	Pitch=+465", Yaw=-694", Roll=0deg	H. Ang=62deg	
Optical					Ha...Class=SM				
GOES	21:15	21:19	21:21	S25W54	Importance=C3	21:21	Mac.=FAO	Carr. Lon.=158deg	H. Ang=59deg
BCS	21:19	21:19	21:20	Qual=04	CaPeak.c/s=70	21:20	FePeak.c/s=27	#Peaks=1	XEN=17906
FCS		21:20		Qual= 4	Peak3...c/s=36		Rast=0"x0"	Step=0"	Cad=3840s
HXIS		21:18			Peak...c/s=115		Rast=3"x3"	Step=0"	Pitch=+492", Yaw=-766"
UVSP	21:21			Code=02	Wavelength=1547A	Exp #=5101			
Event # = 840									
80/06/27, 23:26	Start	DOY=179	Peak	S28W57	SMM Pointing:	End times	Pitch=+460", Yaw=-705", Roll=0deg	H. Ang=63deg	
Optical					Ha...Class=1N				
GOES	23:22	23:26	23:29	S24W59	Importance=C2	23:29	Mac.=FAO	Carr. Lon.=162deg	H. Ang=63deg
HXRBS	23:31:10	23:32:10	23:33:00	Qual=01	Peak...c/s=68		MaxkeV=55	#Peaks=1	dt= 5.6s
BCS	23:23	23:25	23:30	Qual= 1	CaPeak.c/s=47	23:30	FePeak.c/s=15	Step=15"	XEN=17907
FCS		23:25			Peak3...c/s=233		Rast=120"x120"	Step=15"	Cad=65.5s
HXIS		23:24			Peak...c/s=107		Rast=120"x120"	Step=10"	Pitch=+462", Yaw=-688"
UVSP	23:25			Code=00	Wavelength=1349A	Exp #=5110			
Radio	Sweeps	Type/Intensity:		III/1					
Event # = 20289									
80/06/27, 23:35	Start	DOY=179	Peak	S28W57	SMM Pointing:	End times	Pitch=+460", Yaw=-705", Roll=0deg	H. Ang=63deg	
Optical					Importance=C2				
GOES	23:29	23:35	23:46	Qual=01	CaPeak.c/s=26	23:46	FePeak.c/s=13	#Peaks=2	dt=11.3s
BCS	23:31	23:34	23:37	Qual= 1	Peak3...c/s=203	23:37	Rast=120"x120"	Step=15"	XEN=17908
FCS		23:34			Wavelength=1349A		Rast=120"x120"	Step=10"	Cad=65.5s
UVSP	23:25			Code=00	Exp #=5110				Pitch=+462", Yaw=-688"
Event # = 841									
80/06/28, 02:54	Start	DOY=180	Peak	S28W60	SMM Pointing:	End times	Pitch=+462", Yaw=-722", Roll=0deg	H. Ang=65deg	
Optical					Importance=M1				
GOES	02:42	02:54	03:04	S21W70	Peak...c/s=1283	03:04	Mac.=FK0	Carr. Lon.=171deg	H. Ang=72deg
HXRBS	02:44:50	02:46:00	03:01:50	Qual=01	CaPeak.c/s=314	03:01:50	MaxkeV=260	#Peaks=1	XEN=18000
BCS	02:45	02:53	03:05	Qual= 1	Peak3...c/s=1181	03:05	FePeak.c/s=96	Step=15"	Cad=65.5s
FCS		02:52			Peak...c/s=347		Rast=120"x120"	Step=15"	Pitch=+411", Yaw=-827"
HXIS		02:47			Wavelength=1349A		Rast=120"x120"	Step=10"	
UVSP	02:46			Code=00	Exp #=5126				
Radio	Sweeps	Type/Intensity:		II/2 v3					
Radio	Frequency	(MHz)/Flux(sfu):		245/510 410/35 606/14 1415/46 2695/110 4995/160 8800/180 15400/94					
Event # = 842									
80/06/28, 07:51	Start	DOY=180	Peak	S28W62	SMM Pointing:	End times	Pitch=+459", Yaw=-738", Roll=0deg	H. Ang=67deg	
Optical					Ha...Class=SB				
GOES	07:44	07:51	07:57	S27W80	Importance=M1	07:57	Mac.=EAO	Carr. Lon.=179deg	H. Ang=82deg
HXRBS	07:45:30	07:49:45	07:53:10	Qual=03	Peak...c/s=785	07:53:10	MaxkeV=260	Flags=EN, FS	XEN=18001
BCS	07:47	07:51	07:53	Qual=03	CaPeak.c/s=405	07:53	FePeak.c/s=166	#Peaks=1	Cad=65.5s
FCS		07:50			Peak3...c/s=37		Rast=120"x120"	Step=15"	Pitch=+452", Yaw=-788"
HXIS		07:50			Peak...c/s=256				
UVSP	07:19			Code=00	Wavelength=1402A	Exp #=5135	Rast=28"x28"	Step=4"	
Radio	Frequency	(MHz)/Flux(sfu):		245/160 410/77 2695/19 4995/19 8800/110 15400/66					

Event # = 20327		DOY=180		SMM Pointing:		S28W64		Pitch=+457", Yaw=-753", Roll=0deg		H. Ang=69deg	
80/06/28, 13:15	Start	Peak	End times	Ha...Class=SN		S31W63		Mac.=FK0		Carr. Lon.=159deg	
Optical				Importance=C2		Qual=05		FePeak=13:17		#Peaks=1	
GOES	13:12	13:15	13:22	CaPeak.c/s=23		Qual=5		Rast=0"x0"		Cad=3840s	
BCS	13:17	13:18	13:18	Peak3..c/s=34		Code=02		Rast=4"x4"		Pitch=+433", Yaw=-838"	
FCS	13:19	13:18		Wavelength=1397A		Associated		Exp #=5145		Step=0"	
UVSP				CaPeak.c/s=19		Qual=5		Event # = 20326		Step=0"	
BCS	13:20	13:20	13:20					FePeak=13:20		#Peaks=1	
										XEN=18003	
Event # = 843		DOY=180		SMM Pointing:		S28W65		Pitch=+455", Yaw=-757", Roll=0deg		H. Ang=69deg	
80/06/28, 13:34	Start	Peak	End times	Ha...Class=SN		S31W63		Mac.=FK0		Carr. Lon.=158deg	
Optical				Importance=C4		Qual=01		AR2522			
GOES	13:22	13:34	13:42	Peak...c/s=247		Qual=01		Tot Cts=13800		#Peaks=1	
HXRBS	13:27:15	13:28:45	13:34:10	CaPeak.c/s=127		Qual=1		FePeak=13:31		Cad=65.5s	
BCS	13:23	13:33	13:54	Peak3..c/s=451		Code=00		Rast=120"x120"		Step=15"	
FCS	13:39	13:39		Wavelength=1402A				Exp #=5147		Step=4"	
HXIS	13:34	13:34								Pitch=+413", Yaw=-843"	
UVSP	13:32										
Event # = 20329		DOY=180		SMM Pointing:		S28W65		Pitch=+455", Yaw=-757", Roll=0deg		H. Ang=69deg	
80/06/28, 13:58	Start	Peak	End times	CaPeak.c/s=18		Qual=00		FePeak=13:58		#Peaks=1	
GOES	13:58	13:58	13:58	Wavelength=1402A		Qual=1		Exp #=5147		Step=4"	
BCS	13:58	13:58								XEN=18007	
UVSP	13:32									Pitch=+413", Yaw=-843"	
Event # = 20330		DOY=180		SMM Pointing:		S28W65		Pitch=+455", Yaw=-757", Roll=0deg		H. Ang=69deg	
80/06/28, 14:07	Start	Peak	End times	Importance=C2		Qual=01		FePeak.c/s=7		#Peaks=1	
GOES	14:01	14:07	14:19	CaPeak.c/s=22		Qual=1		Rast=120"x120"		dt=11.3s	
BCS	14:05	14:08	14:09	Peak3..c/s=137		Code=00		Step=15"		Cad=65.5s	
FCS	14:05	14:05		Wavelength=1402A				Exp #=5147		Pitch=+413", Yaw=-843"	
UVSP	13:32										
Event # = 844		DOY=180		SMM Pointing:		S28W66		Pitch=+455", Yaw=-765", Roll=0deg		H. Ang=70deg	
80/06/28, 15:15	Start	Peak	End times	Peak...c/s=90		Qual=06		MaxkeV=55		Step=4"	
GOES	15:13:50	15:15:20	15:16:30	Wavelength=1402A		Qual=01		Rast=28"x28"		Pitch=+402", Yaw=-853"	
HXRBS	15:10										
UVSP											
Event # = 20331		DOY=180		SMM Pointing:		S28W66		Pitch=+455", Yaw=-765", Roll=0deg		H. Ang=70deg	
80/06/28, 16:25	Start	Peak	End times	Importance=C2		Qual=05		FePeak=16:29		#Peaks=1	
GOES	16:05	16:25	16:40	CaPeak.c/s=25		Qual=5		FePeak.c/s=9		Cad=3840s	
BCS	16:29	16:29	16:32	Peak3..c/s=68		Code=02		Rast=0"x0"		Step=0"	
FCS	16:29	16:29		Wavelength=1397A				Exp #=5151		Pitch=+281", Yaw=-698"	
UVSP	16:32										

Event # = 845									
80/06/28,16:55	DOY=180	Peak	End times	SMM Pointing:	S28W67		Pitch=+457", Yaw=-768", Roll=0deg	H. Ang=71deg	
Optical				Code=BSL	S28W90		Mac.=FK0	Carr. Lon.=184deg	H. Ang=91deg
GOES 16:52	16:55	17:03		Importance=C1	Qual=01				
HXRBS 16:54:05	16:55:00	16:56:25		Peak...c/s=67	Qual=01				
UVSP 16:45				Wavelength=1402A	Code=00		MaxkeV=126	Step=4"	Pitch=+377", Yaw=-863"
				Exp #=5153			Rast=28"x28"		
Event # = 846									
80/06/28,17:12	DOY=180	Peak	End times	SMM Pointing:	S28W67		Pitch=+457", Yaw=-768", Roll=0deg	H. Ang=71deg	
Optical				Ha...Class=SF	S19E33		Mac.=HRX	Carr. Lon.=60deg	H. Ang=39deg
GOES 17:11	17:12	17:22		Importance=C2	Qual=01				
HXRBS 17:08:20	17:08:50	17:09:15		Peak...c/s=83	Qual=01		MaxkeV=55		
BCS 17:15	17:16	17:17		CaPeak.c/s=17			Rast=28"x28"	Step=4"	Pitch=+377", Yaw=-863"
UVSP 16:45				Wavelength=1402A	Code=00		Exp #=5153		
Event # = 847									
80/06/28,18:48	DOY=180	Peak	End times	SMM Pointing:	S28W67		Pitch=+457", Yaw=-768", Roll=0deg	H. Ang=71deg	
GOES				Qual=06			MaxkeV=55		
HXRBS 18:45:20	18:45:30	18:46:10		Peak...c/s=83	Qual=01		FePeak.c/s=23	#Peaks=1	dt= 5.6s
BCS 18:45	18:48	18:54		CaPeak.c/s=76	Qual= 1		Rast=120"x120"	Step=15"	XEN=18012
FCS 18:52	18:52			Peak3...c/s=252					Cad=65.5s
HXIS 18:21	18:48			Peak...c/s=83			Rast=28"x28"	Step=4"	Pitch=+388", Yaw=-864"
UVSP				Wavelength=1402A			Exp #=5156		
Event # = 848									
80/06/28,19:00	DOY=180	Peak	End times	SMM Pointing:	S28W67		Pitch=+457", Yaw=-768", Roll=0deg	H. Ang=71deg	
Optical				Code=SPY	S28W90		Mac.=FK0	Carr. Lon.=182deg	H. Ang=91deg
GOES 18:55	19:00	19:05		Importance=C1	Qual=05		MaxkeV=126		
HXRBS 18:56:55	18:57:30	18:59:35		Peak...c/s=107	Qual=01		FePeak.c/s=7	#Peaks=1	dt=11.3s
BCS 18:58	19:00	19:01		CaPeak.c/s=21	Qual= 1		Rast=120"x120"	Step=15"	XEN=18014
FCS 18:59	18:59			Peak3...c/s=155			Rast=28"x28"	Step=4"	Cad=65.5s
UVSP 18:21				Wavelength=1402A	Code=00		Exp #=5156		Pitch=+388", Yaw=-864"
Radio Sweeps			Type/Intensity:	111/1					
Event # = 20332									
80/06/28,21:25	DOY=180	Peak	End times	SMM Pointing:	S28W69		Pitch=+454", Yaw=-780", Roll=0deg	H. Ang=73deg	
GOES 21:23	21:25	21:43		Importance=C2	Qual=01		FePeak.c/s=10	#Peaks=1	XEN=18015
BCS 21:26	21:26	21:27		CaPeak.c/s=22	Qual= 1		Rast=240"x240"	Step=15"	Cad= 262s
FCS 21:26	21:26			Peak3...c/s=108			Rast=4"x4"	Step=0"	Pitch=+280", Yaw=-713"
UVSP 21:20				Wave length=1397A	Code=00		Exp #=5160		
Event # = 20333									
80/06/28,22:38	DOY=180	Peak	End times	SMM Pointing:	S28W69		Pitch=+454", Yaw=-780", Roll=0deg	H. Ang=73deg	
Optical				Ha...Class=SN	S30W77		Mac.=FK0	Carr. Lon.=167deg	H. Ang=80deg
GOES 22:10	22:38	22:58		Importance=C4	Qual=05				
BCS 22:52	22:52	22:58		CaPeak.c/s=29	Qual= 5		FePeak.c/s=10	#Peaks=1	XEN=18017
FCS 22:54	22:54			Peak3...c/s=326			Rast=240"x240"	Step=15"	Cad= 262s
UVSP 22:56				Wave length=1397A			Rast=4"x4"	Step=0"	Pitch=+279", Yaw=-717"
Radio Sweeps			Type/Intensity:	111/2					
Radio Frequency (MHz)/Flux(sfu):			245/88						

Event # = 20295									
80/06/29, 16:27	DOY=181	Start	End times	SMM Pointing:	S28W78		Pitch=+447", Yaw=-819", Roll=0deg	H. Ang=81deg	
GOES 16:32	Peak	16:27	16:32	Importance=C2	Qual=05				
BCS 16:27	16:27	16:27	16:27	CaPeak.c/s=25	Qual=5	FePeak=16:27			
FCS 16:27	16:27	16:27	16:27	Peak3..c/s=54			FePeak.c/s=9	#Peaks=1	XEN=18119
UVSP 16:30				Wavelength=1347A	Code=02	Exp #=5241	Rast=0"x0"	Step=0"	Cad=3840s
							Rast=10"x10"	Step=0"	Pitch=+273", Yaw=-755"
Event # = 20336									
80/06/29, 16:41	DOY=181	Start	End times	SMM Pointing:	S28W81		Pitch=+449", Yaw=-825", Roll=0deg	H. Ang=83deg	
GOES 16:33	Peak	16:41	16:45	Importance=C2	Qual=01				
BCS 16:38	16:38	16:38	16:41	CaPeak.c/s=20	Qual=1	FePeak=16:38			
FCS 16:38	16:38	16:38	16:38	Peak3..c/s=78			FePeak.c/s=8	#Peaks=1	XEN=18120
UVSP 16:32				Wavelength=1349A	Code=00	Exp #=5242	Rast=240"x240"	Step=15"	Cad= 262s
							Rast=240"x240"	Step=10"	Pitch=+388", Yaw=-870"
Event # = 854									
80/06/29, 17:08	DOY=181	Start	End times	SMM Pointing:	S28W81		Pitch=+449", Yaw=-825", Roll=0deg	H. Ang=83deg	
GOES 17:01	Peak	17:08	17:22	Importance=C2	Qual=01				
HXRBS 17:02:00	17:03:10	17:03:50	17:03:50	Peak...c/s=98	Qual=01				
BCS 17:03	17:05	17:20	17:20	CaPeak.c/s=43	Qual=1	FePeak=17:04	MaxkeV=55		
FCS 17:19	17:19			Peak3..c/s=254			FePeak.c/s=16	#Peaks=1	XEN=18122
HXIS 17:05	17:05			Peak...c/s=65			Rast=240"x240"	Step=15"	Cad= 262s
UVSP 17:01				Wavelength=1349A	Code=00	Exp #=5246	Rast=240"x240"	Step=10"	Pitch=+387", Yaw=-870"
Event # = 855									
80/06/29, 18:06	DOY=181	Start	End times	SMM Pointing:	S28W82		Pitch=+448", Yaw=-828", Roll=0deg	H. Ang=85deg	
Optical 18:00	18:06	18:13	18:13	Ha...Class=SN	S08W36		Mac.=CS0	Carr. Lon.=116deg	H. Ang=37deg
GOES 18:02:40	18:03:10	18:08:50	18:08:50	Importance=M1	Qual=04	AR2532			
HXRBS 18:05	18:05			Peak...c/s=441	Qual=02	Tot Cts=25625	MaxkeV=126	Flags=SN	
UVSP 18:05				Wavelength=1347A	Code=00	Exp #=5249	Rast=10"x10"	Step=0"	Pitch=+272", Yaw=-757"
Radio Frequency(MHz)/Flux(sfu):	606/55	1415/43	2695/23	4995/16	8800/12				
Event # = 856									
80/06/29, 18:28	DOY=181	Start	End times	SMM Pointing:	S28W82		Pitch=+448", Yaw=-828", Roll=0deg	H. Ang=85deg	
Optical 18:21	18:28	18:40	18:40	Code=BSL	S29W90				
GOES 18:22:00	18:23:10	18:35:45	18:35:45	Ha...Class=SN	S20W90	AR2522		Carr. Lon.=170deg	H. Ang=91deg
HXRBS 18:03	18:25	18:52	18:52	Importance=M4	Qual=01	AR2522		Carr. Lon.=170deg	H. Ang=91deg
BCS 18:28	18:28			Peak...c/s=3348	Qual=01	Tot Cts=3.88E+5	MaxkeV=261	#Peaks=2	XEN=18131
FCS 18:24	18:24			CaPeak.c/s=2308	Qual=1	FePeak=18:24	FePeak.c/s=1353	dt=11.3s	XEN=18131
HXIS 18:07	18:07			Peak3..c/s=3029			Rast=240"x240"	Step=15"	Cad= 262s
UVSP 18:46	18:46			Peak...c/s=2416			Rast=120"x120"	Step=10"	Pitch=+342", Yaw=-917"
C/P 18:46				Wavelength=1349A	Code=00	Exp #=5251			
Radio Sweeps	Type/Intensity:	11/3		PA=264deg	Very faint event				
Radio Frequency(MHz)/Flux(sfu):	245/620	410/64	606/37	1415/160	2695/190	4995/120			

Event # = 868									
80/06/30,07:42	DOY=182	Start	End times	SMM Pointing:	S28W86		Pitch=+444", Yaw=-834", Roll=0deg	H. Ang=88deg	
Optical									
GOES 07:38	07:42		07:48	Ha...Class=SF	S31W75	AR2530	Mac.=CR0	Carr. Lon.=147deg	H. Ang=79deg
HXRBS 07:40:50	07:41:50		07:45:00	Importance=C4	Qual=01		MaxkeV=55	Flags=EN	
BCS 06:59	07:44		07:49	Peak...c/s=98	Qual=03	Tot Cts=5136	FePeak.c/s=34	#Peaks=2	dt=11.3s
FCS 07:02				CaPeak.c/s=107	Qual=1	FePeak=07:44	Rast=120"x120"	Step=15"	XEN=18203
HXIS 07:43				Peak3...c/s=303			Cad=65.5s		1.024s/pixel
UVSP 07:11				Peak...c/s=245		Exp #=5282	Rast=28"x28"	Step=4"	Pitch=+478", Yaw=-813"
				Wavelength=1402A	Code=00				
Event # = 20301									
80/06/30,08:18	DOY=182	Start	End times	SMM Pointing:	S28W86		Pitch=+444", Yaw=-834", Roll=0deg	H. Ang=88deg	
GOES 08:13	08:18		08:54	Importance=C8	Qual=05				
BCS 08:39	08:39		09:24	CaPeak.c/s=61	Qual=5	FePeak=08:40	FePeak.c/s=9	#Peaks=1	XEN=18204
FCS 08:43				Peak3...c/s=216			Rast=120"x120"	Step=15"	Cad=65.5s
HXIS 08:40				Peak...c/s=245		Exp #=5283	Rast=4"x4"	Step=0"	Pitch=+478", Yaw=-813"
UVSP 08:36				Wavelength=1397A					
Event # = 20341									
80/06/30,10:18	DOY=182	Start	End times	SMM Pointing:	S28W83		Pitch=+445", Yaw=-830", Roll=0deg	H. Ang=85deg	
GOES 10:18	10:18		10:19	CaPeak.c/s=20	Qual=00		FePeak.c/s=5	#Peaks=1	XEN=18205
BCS 10:13				Wavelength=1397A	Qual=1	Exp #=5286	Rast=4"x4"	Step=0"	Pitch=+465", Yaw=-821"
UVSP 10:13									
Event # = 869									
80/06/30,10:48	DOY=182	Start	End times	SMM Pointing:	S28W83		Pitch=+445", Yaw=-830", Roll=0deg	H. Ang=85deg	
Optical									
GOES 10:40	10:48		11:47	Code=BSL	S25W90	AR2530	Carr. Lon.=161deg	H. Ang=91deg	
HXRBS 10:45:20	10:46:00		10:47:30	Importance=C5	Qual=03				
BCS 10:41	10:52		11:00	Peak...c/s=75	Qual=01		MaxkeV=55		
FCS 10:59	10:55			CaPeak.c/s=109	Qual=3	FePeak=10:49	FePeak.c/s=23	#Peaks=1	XEN=18207
HXIS 10:25				Peak3...c/s=222			Rast=120"x120"	Step=15"	Cad=65.5s
UVSP 10:25				Peak...c/s=224		Exp #=5288	Rast=28"x28"	Step=4"	Pitch=+437", Yaw=-837"
				Wavelength=1402A	Code=00	Associated Event # = 20302			
BCS 11:36	11:36		12:36	CaPeak.c/s=17					
UVSP 11:38				Wavelength=1397A		Exp #=5289	Rast=4"x4"	Step=0"	Pitch=+437", Yaw=-837"
Event # = 870									
80/06/30,13:39	DOY=182	Start	End times	SMM Pointing:			Pitch=+445", Yaw=-835", Roll=0deg		
Optical									
GOES 13:28	13:39		13:49	Ha...Class=18	S13W23	AR2544	Mac.=DKI	Carr. Lon.=92deg	H. Ang=28deg
HXRBS 13:35:00	13:38:50		13:39:45	Importance=C9	Qual=01				
BCS 13:31	13:32		13:34	Peak...c/s=180	Qual=01	Tot Cts=12896	MaxkeV=126	#Peaks=1	XEN=18225
FCS 13:33	13:33			CaPeak.c/s=21	Qual=1	FePeak=13:32	FePeak.c/s=7	Step=15"	Cad=65.5s
UVSP 13:27				Peak3...c/s=95			Rast=120"x120"	Step=4"	Pitch=+297", Yaw=-777"
Radio				Wavelength=1402A	Code=00	Exp #=5294	Rast=28"x28"		
Frequency (MHz)/Flux(sfu): 606/42 1415/31 2695/62 4995/27 8800/66									

Event # = 20303		SMM Pointing:		Pitch=+445", Yaw=-835", Roll=0deg	
80/06/30, 14:07	DOY=182	End times			
GOES 14:02	Peak 14:07	Importance=C3	Qual=03		
BCS 13:51	14:07	CaPeak.c/s=41	Qual=3	FePeak=14:07	dt=11.3s XEN=18224
FCS 13:53	14:05	Peak3..c/s=138			Rast=120"x120" Step=15" Cad=65.5s 1.024s/pixel
HXIS 14:05		Peak...c/s=96			
UVSP 13:27		Wavelength=1402A	Code=00	Exp #=5294	Rast=28"x28" Step=4" Pitch=+297", Yaw=-777"
Event # = 20304		SMM Pointing:		Pitch=+445", Yaw=-835", Roll=0deg	
80/06/30, 14:40	DOY=182	End times			
Optical 14:25	Peak 14:40	Ha...Class=SF	S10W18	AR2544	Mac.=DKI Carr.Lon.=86deg H.Ang=22deg
GOES 14:25	14:49	Importance=C4	Qual=05		
HXIS 14:51		Peak...c/s=96		Exp #=5295	Rast=4"x4" Step=0" Pitch=+270", Yaw=-765"
UVSP 14:51		Wavelength=1397A			
Event # = 871		SMM Pointing:		Pitch=+446", Yaw=-835", Roll=0deg	
80/06/30, 15:32	DOY=182	End times			
Optical 15:21	Peak 15:32	Ha...Class=S8	S21W22	AR2544	Mac.=DKI Carr.Lon.=90deg H.Ang=32deg
GOES 15:21	15:51	Importance=C9	Qual=03		
HXRBS 15:21:10	15:28:00	Peak...c/s=207	Qual=01	Tot Cts=13443	MaxkeV=126
UVSP 15:04	15:04	Wavelength=1402A	Code=00	Exp #=5297	Rast=28"x28" Step=4" Pitch=+378", Yaw=-865"
Event # = 20306		SMM Pointing:		Pitch=+445", Yaw=-834", Roll=0deg	
80/06/30, 17:03	DOY=182	End times			
GOES 16:49	Peak 17:03	CaPeak.c/s=55	Qual=06		
BCS 16:49	17:19	Peak3..c/s=120	Qual=1	FePeak=17:03	dt=11.3s XEN=18213
FCS 17:03		Peak...c/s=120			Rast=120"x120" Step=15" Cad=65.5s 1.024s/pixel
HXIS 16:40		Wavelength=1402A		Exp #=5300	Rast=28"x28" Step=4" Pitch=+374", Yaw=-865"
UVSP 16:40					
Event # = 20729		SMM Pointing:		Pitch=+445", Yaw=-834", Roll=0deg	
80/06/30, 17:06	DOY=182	End times			
GOES 17:06	Peak 17:06	Peak...c/s=96	Qual=06		
HXIS 16:40		Wavelength=1402A		Exp #=5300	Rast=28"x28" Step=4" Pitch=+374", Yaw=-865"
UVSP 16:40					
Event # = 20342		SMM Pointing:		Pitch=+445", Yaw=-831", Roll=0deg	
80/06/30, 18:07	DOY=182	End times			
GOES 18:05	Peak 18:07	CaPeak.c/s=20	Qual=06		
BCS 18:05	18:08	Peak3..c/s=99	Qual=1	FePeak=18:07	XEN=18226
FCS 18:02		Wavelength=1397A		Exp #=5301	Rast=300"x300" Cad=410s 1.024s/pixel
UVSP 18:02					Rast=4"x4" Step=0" Pitch=+270", Yaw=-765"
Event # = 20343		SMM Pointing:		Pitch=+445", Yaw=-831", Roll=0deg	
80/06/30, 18:10	DOY=182	End times			
GOES 18:10	Peak 18:10	CaPeak.c/s=19	Qual=06		
BCS 18:10	18:11	Peak3..c/s=48	Qual=1	FePeak=18:10	XEN=18216
FCS 18:02		Wavelength=1397A		Exp #=5301	Rast=240"x240" Cad=262s 1.024s/pixel
UVSP 18:02					Rast=4"x4" Step=0" Pitch=+270", Yaw=-765"

Event # = 20344									
80/06/30,18:15	DOY=182								
Start	Peak								
GOES	18:15	18:16	S28W83	SMM Pointing:	Qual=06				
BCS	18:15	18:16		CaPeak.c/s=19	Qual=1	FePeak=18:15			
FCS	18:16			Peak3..c/s=47		Exp #=5302			
UVSP	18:12			Wavelength=1402A					
Event # = 872									
80/06/30,18:30	DOY=182								
Start	Peak								
Optical			S28W83	SMM Pointing:					
GOES	18:21	18:30		Importance=M1	S10W20				
HXRBS	18:18:20	18:25:00		Peak...c/s=157	Qual=01				
BCS	18:18	18:25		CaPeak.c/s=64	Qual=01				
FCS	18:54	18:59		Peak3..c/s=114	Qual=1				
HXIS	18:24			Peak...c/s=136					
UVSP	18:15			Wavelength=1402A					
Radio	Frequency(MHz)/Flux(sfu):	245/270	410/38	1415/40	2695/10	4995/27	8800/36		
Event # = 873									
80/06/30,19:49	DOY=182								
Start	Peak								
Optical			S28W84	SMM Pointing:					
GOES	19:44	19:49		Ha...Class=S8	S13W24				
HXRBS	19:46:10	19:47:45		Importance=C4	Qual=05				
UVSP	19:48	19:50:30		Peak...c/s=181	Qual=01				
Event # = 874									
80/06/30,21:41	DOY=182								
Start	Peak								
GOES	21:24	21:41		Importance=C1	Qual=01				
HXRBS	21:32:10	21:34:20		Peak...c/s=90	Qual=01				
BCS	21:33	21:38		CaPeak.c/s=27	Qual=1				
FCS	21:43			Peak3..c/s=136					
UVSP	21:18			Wavelength=1349A	Code=00	Exp #=5309			
Event # = 20309									
80/06/30,22:50	DOY=182								
Start	Peak								
GOES	22:44	22:50		Importance=C4	Qual=05				
BCS	22:48	22:48		CaPeak.c/s=25	Qual=5	FePeak=22:48			
FCS	22:49	22:49		Peak3..c/s=97		Exp #=5310			
UVSP	22:50			Wavelength=1348A	Code=02				
Event # = 20310									
80/07/01,00:28	DOY=183								
Start	Peak								
GOES	00:00	00:28		Importance=C2	Qual=05				
BCS	00:25	00:25		CaPeak.c/s=48					
HXIS	00:25	00:28		Peak...c/s=96					
UVSP	00:28			Wavelength=1349A	Code=02	Exp #=5312			
Event # = 20311									
80/07/01,00:28	DOY=183								
Start	Peak								
GOES	00:00	00:28		Importance=C2	Qual=05				
BCS	00:25	00:25		CaPeak.c/s=48					
HXIS	00:25	00:28		Peak...c/s=96					
UVSP	00:28			Wavelength=1349A	Code=02	Exp #=5312			

Event # = 875	DOY=183		SMM Pointing:		Pitch=+446", Yaw=-835", Roll=0deg	
80/07/01, 01:18	Start	Peak	End times		Mac. = CR0	Carr. Lon. = 34deg Carr. Lon. = 153deg H. Ang = 30deg H. Ang = 92deg
Optical				N12E29 S35W90		
GOES	01:09	01:18	01:22	Qual=03		
HXRBS	01:17:44	01:18:05	01:19:54	Peak...c/s=121	Tot Cts=1463	XEN=18302
BCS	00:24	01:20	01:23	CaPeak.c/s=75	FePeak=01:20	dt=11.3s Step=15" Cad= 262s 1.024s/pixel
FCS		01:21		Peak3...c/s=156		
HXIS		01:18		Peak...c/s=147		
UVSP	01:17			Wavelength=1348A	Code=00 Exp #=5447	Rast=120"x120" Pitch=10" Step=10" Pitch=+360", Yaw=-875"
Event # = 20311	DOY=183		SMM Pointing:		Pitch=+446", Yaw=-835", Roll=0deg	
80/07/01, 01:32	Start	Peak	End times		Carr. Lon. = 152deg	H. Ang = 92deg
Optical				Ha...Class=SF S35W90		
GOES	01:22	01:32	02:15	Importance=C3		
BCS	01:12	01:22	02:33	CaPeak.c/s=72		
HXIS		01:59		Peak...c/s=80		
UVSP	01:22			Wavelength=1348A	Code=01 Exp #=5461	Rast=120"x120" Step=10" Pitch=+360", Yaw=-875"
				Associated	Event # = 20353	
BCS	02:00	02:00	02:18	Qual= 5	FePeak=02:00	XEN=18303
FCS		02:15		CaPeak.c/s=45		Cad= 410s 1.024s/pixel
UVSP	02:01			Peak3...c/s=130		Pitch=+270", Yaw=-765"
				Wavelength=1347A	Exp #=5462	
Event # = 20313	DOY=183		SMM Pointing:		Pitch=+445", Yaw=-826", Roll=0deg	
80/07/01, 06:04	Start	Peak	End times			H. Ang = 83deg
GOES				S28W80		
BCS	06:04	06:04	06:06	Qual=00		
UVSP	06:02			Qual= 3	FePeak=06:04	XEN=18304
				CaPeak.c/s=18	Exp #=5485	Pitch=+385", Yaw=-880"
				Wavelength=1349A		
Event # = 20314	DOY=183		SMM Pointing:		Pitch=+444", Yaw=-829", Roll=0deg	
80/07/01, 06:57	Start	Peak	End times			H. Ang = 84deg
GOES	06:55	06:57	07:03	Importance=C2		
BCS	06:57	06:57	07:02	CaPeak.c/s=36		XEN=18306
FCS		06:59		Peak3...c/s=85	FePeak=06:57	1.024s/pixel
UVSP	06:55			Wavelength=1349A	Code=00 Exp #=5487	Cad= 262s 1.024s/pixel Pitch=+385", Yaw=-880"
Event # = 876	DOY=183		SMM Pointing:		Pitch=+444", Yaw=-834", Roll=0deg	
80/07/01, 13:52	Start	Peak	End times			H. Ang = 88deg
GOES	13:15	13:52	13:59	Importance=C2		
HXRBS	13:50:52	13:51:30	13:53:32	Peak...c/s=278	Tot Cts=4571	MaxkeV=126 Pitch=+329", Yaw=-852"
UVSP	13:30			Wavelength=1547A	Code=00 Exp #=5511	

Event # = 877									
80/07/01,16:28	DOY=183	Start	End times	SMM Pointing:			Pitch=+421", Yaw=-847", Roll=0deg		
Optical				Ha...Class=18	S12W38		Mac.=EKI	Carr.Lon.=92deg	H.Ang=41deg
GOES	16:18	16:28	16:42	Importance=X2	Qual=04				
HXRBS	16:24:59	16:27:29	16:38:50	Peak...c/s=27235	Qual=01				
GRS	16:26:52		16:27:58	Max.E.MeV=1.0					
BCS	16:25	16:28	17:16	CaPeak.c/s=2603	Qual=1				
FCS		16:30		Peak3...c/s=33					
UVSP	16:25			Wavelength=1349A	Code=00				
Radio				Type/Intensity:					
Frequency(MHz)/Flux(sfu):	245/5200	410/22	606/210	1415/390	2695/790	4995/780	8800/1400	15400/1300	
Event # = 878									
80/07/01,22:59	DOY=183	Start	End times	SMM Pointing:			Pitch=+430", Yaw=-847", Roll=0deg		
GOES				Peak...c/s=85	Qual=00				
HXRBS	22:53:31	22:53:40	22:53:53	CaPeak.c/s=27	Qual=01				
BCS	22:53	22:59	23:01	Peak3...c/s=224	Qual=1				
FCS		22:59		Wavelength=1349A					
UVSP	22:48								
Event # = 20354									
80/07/01,23:24	DOY=183	Start	End times	SMM Pointing:			Pitch=+430", Yaw=-847", Roll=0deg		
GOES				Peak...c/s=85	Qual=00				
HXRBS	22:53:31	22:53:40	22:53:53	CaPeak.c/s=27	Qual=01				
BCS	22:53	22:59	23:01	Peak3...c/s=224	Qual=1				
FCS		22:59		Wavelength=1349A					
UVSP	22:48								
Event # = 879									
80/07/02,00:34	DOY=184	Start	End times	SMM Pointing:			Pitch=+430", Yaw=-847", Roll=0deg		
GOES	00:18	00:34	00:45	CaPeak.c/s=21	Qual=01				
BCS	00:33	00:35	00:36	Peak3...c/s=81	Qual=1				
FCS		00:34		Peak...c/s=64					
HXIS		00:20		Wavelength=1349A	Code=00				
UVSP	00:24								
Event # = 20317									
80/07/02,00:34	DOY=184	Start	End times	SMM Pointing:			Pitch=+430", Yaw=-847", Roll=0deg		
GOES	00:18	00:34	00:45	CaPeak.c/s=21	Qual=01				
BCS	00:33	00:35	00:36	Peak3...c/s=81	Qual=1				
FCS		00:34		Peak...c/s=64					
HXIS		00:20		Wavelength=1349A	Code=00				
UVSP	00:24								
Event # = 879									
80/07/03,00:24	DOY=185	Start	End times	SMM Pointing:			Pitch=+225", Yaw=-702", Roll=0deg		
Optical				Ha...Class=18	S12W49		Mac.=FAI	Carr.Lon.=91deg	H.Ang=51deg
GOES	00:21	00:24	00:37	Importance=C4	Qual=01				
HXRBS	00:22:22	00:23:02	00:23:42	Peak...c/s=2344	Qual=01				
BCS	00:22	00:23	00:25	CaPeak.c/s=180	Qual=6				
FCS		00:25		Peak3...c/s=11873					
HXIS		00:24		Peak...c/s=288					
UVSP	00:50			Wavelength=1402A					
Radio				Frequency(MHz)/Flux(sfu):	2695/29	4995/41	8800/86	15400/55	

Event # = 890 80/07/05, 16:36 Start Optical GOES HXRBS UVSP	DOY=187 Peak 16:34:18 16:36:22 16:36:38 16:21	End times 16:36:38	SMM Pointing: Ha...Class=SF Peak...c/s=70 Wavelength=1367A	N28W28 N20E75 Qual=00 Qual=01 Exp #=5801	AR2552 MaxkeyV=55 Rast=120"x120" Step=10" Pitch=-448", Yaw=-387"	Pitch=-397", Yaw=-395", Roll=0deg Mac.=CR0 Carr.Lon.=286deg MaxkeyV=55 Rast=120"x120" Step=10" Pitch=-448", Yaw=-387"	H.Ang=36deg H.Ang=75deg
Event # = 891 80/07/05, 22:46 Start Optical GOES HXRBS BCS FCS HXIS UVSP	DOY=187 Peak 22:33 22:37:24 22:37 22:37 22:44 22:40	End times 22:46 23:30:39 23:30 23:09 22:44 22:40	SMM Pointing: Ha...Class=18 Importance=M9 Peak...c/s=6303 CaPeak.c/s=4621 Peak3...c/s=22 Peak...c/s=6173 Wavelength=1541A Type/Intensity: 11/1 11/1/3 Frequency (MHz)/Flux(sfu): 245/1300 410/1500 606/8400 1415/610 2695/140 4995/100 8800/190	N28W32 N28W29 Qual=04 Qual=04 Qual=1 Code=00 Exp #=5813	AR2550 Tot Cts=2.64E+6 FePeak.c/s=2137 #Peaks=1 Rast=0"x0" Cad=3840s Step=0" Pitch=-603", Yaw=-604"	Pitch=-400", Yaw=-437", Roll=0deg Mac.=EKI Carr.Lon.=27deg MaxkeyV=261 FePeak.c/s=2137 #Peaks=1 Rast=0"x0" Cad=3840s Step=0" Pitch=-603", Yaw=-604"	H.Ang=39deg H.Ang=37deg XEN=18704 3840s/pixel
Event # = 892 80/07/06, 04:26 Start Optical GOES HXRBS UVSP Radio Sweeps Frequency (MHz)/Flux(sfu):	DOY=188 Peak 04:16 04:18:04 04:19:54 04:25:04 05:04	End times 04:30 04:19:54 04:25:04	SMM Pointing: Ha...Class=SN Importance=C7 Peak...c/s=327 Wavelength=1399A V/2 Type/Intensity: 606/190 1415/540 2695/120 4995/37 8800/19	S12W86 N27W34 Qual=03 Qual=01 Tot Cts=16610 Exp #=5826	AR2550 MaxkeyV=127 Rast=4"x4" Step=0" Pitch=+210", Yaw=-918"	Pitch=+194", Yaw=-924", Roll=0deg Mac.=EKI Carr.Lon.=29deg MaxkeyV=127 Rast=4"x4" Step=0" Pitch=+210", Yaw=-918"	H.Ang=87deg H.Ang=40deg
Event # = 893 80/07/06, 10:00 Start Optical GOES HXRBS UVSP	DOY=188 Peak 09:56 09:56:40 09:55	End times 10:00 09:58:06 09:58:00	SMM Pointing: Importance=C1 Peak...c/s=93 Wavelength=1349A	Qual=01 Qual=01 Code=00 Exp #=5837	MaxkeyV=55 Rast=120"x120" Step=3" Pitch=+209", Yaw=-923"	Pitch=+195", Yaw=-927", Roll=0deg	

80/07/07		DOY=189	
Event # = 894			
80/07/07, 01:05	DOY=189		
Start	Peak		
GOES 01:01	01:05	SMM Pointing: N27W47	Pitch=-394", Yaw=-617", Roll=0deg H.Ang=51deg
HXRBS 01:04:26	01:04:56	Importance=C1	
UVSP 00:21	01:05:01	Peak...c/s=133	
Radio Frequency(MHz)/Flux(sfu):	1415/23 2695/19	Code=00	
		Tot Cts=448	
		Exp #=5865	
			MaxkeV=127
			Rast=120"x120" Step=3" Pitch=-536", Yaw=-626"
Event # = 895			
80/07/07, 05:36	DOY=189		
Start	Peak		
GOES 05:36:33	05:36:41	SMM Pointing: N27W49	Pitch=-393", Yaw=-638", Roll=0deg H.Ang=52deg
HXRBS 05:15	05:36:46	Peak...c/s=112	
UVSP 05:15	05:36:46	Wave length=1402A	
		Qual=00	
		Tot Cts=349	
		Exp #=5875	
			MaxkeV=127
			Rast=36"x36" Step=8" Pitch=-410", Yaw=-619"
Event # = 20360			
80/07/07, 09:55	DOY=189		
Start	Peak		
GOES 09:47	09:55	SMM Pointing: N27W52	Pitch=-394", Yaw=-663", Roll=0deg H.Ang=55deg
BCS 09:53	09:54	Importance=C1	
UVSP 09:52	09:55	CaPeak.c/s=21	
		Wave length=1408A	
		Code=00	
		FePeak=09:54	
		Exp #=5886	
			FePeak.c/s=8
			Rast=30"x3" Step=0" Pitch=-504", Yaw=-793"
Event # = 20361			
80/07/07, 10:02	DOY=189		
Start	Peak		
GOES 09:58	10:02	SMM Pointing: N27W52	Pitch=-394", Yaw=-663", Roll=0deg H.Ang=55deg
BCS 09:59	10:02	Importance=C2	
FCS 10:03	10:06	CaPeak.c/s=39	
UVSP 09:52	10:03	Peak3...c/s=313	
		Wave length=1408A	
		Code=00	
		FePeak=10:02	
		Exp #=5886	
			FePeak.c/s=12
			Rast=60"x60" Step=15" dt= 6.0s XEN=18904
			Rast=30"x3" Step=0" Pitch=-504", Yaw=-793"
Event # = 896			
80/07/07, 10:15	DOY=189		
Start	Peak		
GOES 10:12	10:15	SMM Pointing: N27W52	Pitch=-394", Yaw=-663", Roll=0deg H.Ang=55deg
HXRBS 10:13:23	10:14:09	Importance=C5	
BCS 10:12	10:14	Peak...c/s=114	
FCS 10:17	10:17	CaPeak.c/s=222	
HXIS 10:14	10:17	Peak3...c/s=1529	
UVSP 09:52	10:14	Peak...c/s=523	
		Wave length=1408A	
		Code=00	
		Exp #=5886	
		Event # = 897	
		Associated	
		Qual=01	
		Tot Cts=1169	
			Rast=30"x3" Step=0" Pitch=-504", Yaw=-793"
			MaxkeV=127
Event # = 20362			
80/07/07, 10:30	DOY=189		
Start	Peak		
GOES 10:28	10:30	SMM Pointing: N27W52	Pitch=-394", Yaw=-663", Roll=0deg H.Ang=55deg
BCS 10:29	10:29	Importance=C2	
UVSP 09:52	10:29	CaPeak.c/s=18	
		Wave length=1408A	
		Code=00	
		FePeak=10:29	
		Exp #=5886	
			FePeak.c/s=5
			Rast=30"x3" Step=0" Pitch=-504", Yaw=-793"
Event # = 20365			
80/07/07, 11:32	DOY=189		
Start	Peak		
GOES 10:58	11:32	SMM Pointing: N27W53	Pitch=-397", Yaw=-669", Roll=0deg H.Ang=55deg
BCS 11:30	11:32	Importance=C4	
UVSP 11:30	11:32	CaPeak.c/s=21	
		Wave length=1408A	
		Code=00	
		FePeak=11:32	
		Exp #=5889	
			FePeak.c/s=11
			Rast=30"x3" Step=0" Pitch=-505", Yaw=-802"

Event # = 899
80/07/07, 11:53 DOY=189
Start Peak
Optical
GOES 11:40 11:53 12:10
HXRBs 11:46:27 11:51:09 11:56:07
BCS 11:43 11:53 12:01
FCS 11:43 11:52
HXIS 11:52
UVSP 11:30
Radio Frequency (MHz)/Flux(sfu):
HXRBs 11:41:24 11:43:46 11:44:24

SMM Pointing:
N27W53
Ha...Class=SB
Importance=M2
Peak...c/s=244
CaPeak.c/s=569
Peak3...c/s=74
Peak...c/s=1288
Wavelength=1408A
Code=00
Exp # = 5889
245/150 410/100 606/68 1415/16 2695/5 4995/21 8800/41
Associated Event # = 898
Qual=01 Tot Cts=1262

Pitch=-397", Yaw=-669", Roll=0deg
Mac.=EKI Carr. Lon.=26deg
MaxkeV=127
FePeak.c/s=192 dt= 6.0s XEN=18900
Rast=60"x60" Cad=16.4s 1.024s/pixel
Step=15" Pitch=0" Yaw=-802"
Rast=30"x3" Step=0"
MaxkeV=127

Event # = 900
80/07/07, 12:15 DOY=189
Start Peak
Optical
GOES 12:12 12:15 12:19
HXRBs 12:13:01 12:13:18 12:13:41
BCS 12:13 12:13 12:15
FCS 12:15
UVSP 11:30
BCS 12:18 12:18
FCS 12:18

SMM Pointing:
N27W53
Ha...Class=SN
Importance=C3
Peak...c/s=74
CaPeak.c/s=30
Peak3...c/s=13
Wavelength=1408A
Code=00
Exp # = 5889
Associated Event # = 21072
Qual=1 FePeak=12:18
Peak3...c/s=12

Pitch=-397", Yaw=-669", Roll=0deg
Mac.=EKI Carr. Lon.=27deg
MaxkeV=55
FePeak.c/s=12
Rast=180"x30" Cad=24.6s XEN=18910
Rast=30"x3" Step=0" Pitch=-505", Yaw=-802"
FePeak.c/s=8 #Peaks=1
Rast=180"x30" Step=15" Cad=24.6s XEN=18911
Step=15" Pitch=-505", Yaw=-802"

Event # = 20323
80/07/07, 13:30 DOY=189
Start Peak
Optical
GOES 13:28 13:30 13:37
BCS 13:28 13:31 13:34
FCS 13:33 13:33
HXIS 13:30
UVSP 13:06

SMM Pointing:
N27W53
Ha...Class=SN
Importance=C2
CaPeak.c/s=34
Peak3...c/s=325
Peak...c/s=80
Wavelength=1334A
Code=00
Exp # = 5892

Pitch=-397", Yaw=-677", Roll=0deg
Mac.=EKI Carr. Lon.=27deg
FePeak.c/s=8 dt= 3.0s XEN=18912
Rast=60"x60" Cad=16.4s 1.024s/pixel
Step=15" Pitch=-540", Yaw=-658"
Rast=120"x120" Step=3"

Event # = 901
80/07/07, 14:04 DOY=189
Start Peak
Optical
GOES 13:54 14:04 14:10
HXRBs 13:55:03 13:55:31 13:56:13
BCS 13:56 13:57 13:57
FCS 13:56 13:56
UVSP 14:36

SMM Pointing:
N27W53
Ha...Class=SB
Importance=C3
Peak...c/s=182
CaPeak.c/s=36
Peak3...c/s=87
Wavelength=1541A
Code=00
Exp # = 5894

Pitch=-397", Yaw=-677", Roll=0deg
Mac.=EKI Carr. Lon.=27deg
MaxkeV=127
FePeak.c/s=15
Rast=60"x60" Cad=16.4s XEN=18914
Rast=3"x3" Step=0" Pitch=-600", Yaw=-607"
Step=15" Cad=16.4s 1.024s/pixel
Step=15" Pitch=-600", Yaw=-607"

Event # = 902
80/07/07, 14:50 DOY=189
Start Peak
Optical
GOES 14:46:07 14:50:03 14:51:27
HXRBs 14:43
UVSP 14:43

SMM Pointing:
N27W54
Ha...Class=SB
Peak...c/s=89
Wavelength=1548A
Code=00
Exp # = 5895

Pitch=-398", Yaw=-682", Roll=0deg
Mac.=EKI Carr. Lon.=27deg
MaxkeV=127
Rast=120"x120" Step=3" Pitch=-541", Yaw=-666"

Event # = 903									
80/07/07	16:20	DOY=189	SMM Pointing:	N27W55	Pitch=-399", Yaw=-690", Roll=0deg	H. Ang=57deg			
GOES	16:16	Peak	Importance=C1	Qual=01					
HXRBS	16:15:12	16:20	Peak...c/s=71	Qual=01					
UVSP	16:19	16:16:31	Wave length=1393A	Code=00					
Radio	Frequency (MHz)/Flux(sfu):	245/570 410/14 606/17	Exp #=5898					MaxkeV=55	
----- Associated Event # = 904 -----									
HXRBS	16:19:28	16:20:28	Peak...c/s=70	Qual=01				MaxkeV=55	

Event # = 905									
80/07/07	16:31	DOY=189	SMM Pointing:	N27W55	Pitch=-399", Yaw=-690", Roll=0deg	H. Ang=57deg			
GOES				Qual=00					
HXRBS	16:29:07	16:31:24	Peak...c/s=75	Qual=01					
UVSP	16:19		Wave length=1393A						
Tot Cts=1550									
Exp #=5898									

Event # = 906									
80/07/07	17:57	DOY=189	SMM Pointing:	N27W56	Pitch=-400", Yaw=-698", Roll=0deg	H. Ang=58deg			
GOES	17:51	Peak	Importance=C3	Qual=01					
HXRBS	17:51:00	17:53:10	Peak...c/s=309	Qual=02					
BGS	17:53	17:56	CaPeak.c/s=78	Qual= 1					
FCS	17:53	17:56	Peak3...c/s=623						
HXIS	17:58	17:58	Peak...c/s=187						
UVSP	17:54	17:55	Wave length=1803A	Code=00					
Radio	Frequency (MHz)/Flux(sfu):	245/1900 410/360 606/35 1415/22 2695/15 4995/16 8800/47 15400/26	Exp #=5901					dt= 6.1s XEN=18915	
Cad=2.05s 2.048s/pixel									
Pitch=-405", Yaw=-682"									

Event # = 907									
80/07/07	21:15	DOY=189	SMM Pointing:	N28W54	Pitch=-409", Yaw=-678", Roll=0deg	H. Ang=57deg			
GOES	21:11	Peak	Importance=C4	Qual=01					
HXRBS	21:13:40	21:14:20	Peak...c/s=725	Qual=01					
BGS	21:13	21:14	CaPeak.c/s=191	Qual= 1					
FCS	21:13	21:20	Peak3...c/s=873						
UVSP	21:02	21:19	Wave length=3095A	Code=00					
Radio	Frequency (MHz)/Flux(sfu):	245/460 606/40	Exp #=5909					dt= 6.1s XEN=18917	
Cad= 262s 1.024s/pixel									
Pitch=-488", Yaw=-735"									

Event # = 908									
80/07/07	22:49	DOY=189	SMM Pointing:	N28W56	Pitch=-411", Yaw=-690", Roll=0deg	H. Ang=58deg			
GOES	22:46	Peak	Importance=C2	Qual=01					
HXRBS	22:46:20	22:47:15	Peak...c/s=95	Qual=01					
BGS	22:47	22:48	CaPeak.c/s=50	Qual= 1					
FCS	22:47	22:50	Peak3...c/s=154						
UVSP	22:38	22:47	Wave length=3095A	Code=00					
Radio	Sweeps	Type/Intensity:	V/2	Exp #=5913				XEN=18919	
Cad= 262s 1.024s/pixel									
Pitch=-479", Yaw=-750"									

80/07/08 DOY=190												
Event # = 909 80/07/08, 00:52 Start Optical G0ES HXRBS BCS FCS HXIS UVSP Radio Radio HXRBS BCS FCS	DOY=190 Peak		SMM Pointing:		N28W57	Pitch=-412", Yaw=-698", Roll=0deg		H. Ang=59deg				
	End times		Ha...Class=SN		AR2550	Carr. Lon.=34deg		H. Ang=65deg				
	00:52		Importance=C5									
	00:51:10		Peak...c/s=193		Tot Cts=5006			XEN=19000				
	00:52		CaPeak.c/s=67		FePeak=00:52			dt= 3.0s				
	00:52		Peak3...c/s=133					Cad= 147s				
	00:52		Peak...c/s=136					1.024s/pixel				
	00:50		Wavelength=2801A		Exp #=5918			Pitch=-407", Yaw=-868"				
	Type/Intensity:		1/1 111/2									
	245/85 410/70 606/180		Associated		Event # = 910							
Event # = 910 80/07/08, 02:39 Start G0ES HXRBS UVSP Radio Radio HXRBS BCS FCS	DOY=190 Peak		SMM Pointing:		N28W58	Pitch=-412", Yaw=-706", Roll=0deg		H. Ang=60deg				
	End times		Importance=C1									
	02:37		Peak...c/s=239		Qual=01							
	02:39:30		Wavelength=1541A		Tot Cts=1377							
	01:51		I/2 V/2		Exp #=5922			Pitch=-379", Yaw=-855"				
	Type/Intensity:											
	01:00		CaPeak.c/s=57									
	01:03		Peak3...c/s=210									
	Qual=1		Associated		Event # = 21028							
	FePeak=01:00							XEN=19001				
Event # = 911 80/07/08, 02:39 Start G0ES HXRBS UVSP Radio Radio HXRBS BCS FCS	DOY=190 Peak		SMM Pointing:		N28W58	Pitch=-414", Yaw=-711", Roll=0deg		H. Ang=60deg				
	End times		Importance=C1									
	04:23		CaPeak.c/s=21		Qual=01							
	04:17		Wavelength=1544A		FePeak=04:17			XEN=19002				
	04:59				Exp #=5926			Pitch=-381", Yaw=-866"				
	Type/Intensity:											
	04:17		CaPeak.c/s=21									
	04:59		Wavelength=1544A									
	Qual=1		Associated		Event # = 21028							
	FePeak=04:17							XEN=19002				
Event # = 912 80/07/08, 14:47 Start G0ES HXRBS UVSP Radio Radio HXRBS BCS FCS	DOY=190 Peak		SMM Pointing:		N28W65	Pitch=-418", Yaw=-759", Roll=0deg		H. Ang=66deg				
	End times		Importance=C1									
	14:47		Peak...c/s=74		Qual=01							
	14:50:40		Wavelength=1562A		FePeak=04:17			XEN=19002				
	14:43				Exp #=5953			Pitch=-381", Yaw=-866"				
	Type/Intensity:											
	14:47		CaPeak.c/s=21									
	14:50:40		Wavelength=1562A									
	Qual=01		Associated		Event # = 21028							
	FePeak=04:17							XEN=19002				
Event # = 913 80/07/08, 19:20 Start G0ES HXRBS BCS UVSP Radio Radio HXRBS BCS FCS	DOY=190 Peak		SMM Pointing:		N28W67	Pitch=-420", Yaw=-771", Roll=0deg		H. Ang=68deg				
	End times		Importance=C1									
	19:20		Peak...c/s=65		Qual=01							
	19:20:08		CaPeak.c/s=19		FePeak=19:21			XEN=19003				
	19:21		Wavelength=1668A		Exp #=5961			Pitch=-427", Yaw=-755"				
	Type/Intensity:											
	19:21		CaPeak.c/s=19									
	19:21		Wavelength=1668A									
	Qual=01		Associated		Event # = 21028							
	FePeak=19:21							XEN=19003				
Event # = 914 80/07/08, 19:35 Start G0ES HXRBS UVSP Radio Radio HXRBS BCS FCS	DOY=190 Peak		SMM Pointing:		N28W68	Pitch=-419", Yaw=-777", Roll=0deg		H. Ang=69deg				
	End times		Importance=C1									
	19:35		Peak...c/s=70		Qual=01							
	19:33:45		Wavelength=1680A		FePeak=19:35			XEN=19003				
	19:29				Exp #=5964			Pitch=-427", Yaw=-755"				
	Type/Intensity:											
	19:35		CaPeak.c/s=19									
	19:33:45		Wavelength=1680A									
	Qual=01		Associated		Event # = 21028							
	FePeak=19:35							XEN=19003				

Event # = 20335									
80/07/08, 19:41	Start	DOY=190							
GOES	19:40	Peak	End times	SMM Pointing:	N28W68			Pitch=-419", Yaw=-777", Roll=0deg	H. Ang=69deg
BCS	19:41	19:45		Importance=C1	Qual=01				
FCS	19:42	19:42		CaPeak.c/s=21	Qual=1				
UVSP	19:42	19:42		Peak3...c/s=79					
	19:29			Wave length=1680A	Code=00	Exp #=5964		FePeak.c/s=11 #Peaks=1	XEN=19004
								Rast=300"x300" Step=15"	Cad= 410s 1.024s/pixel
								Rast=120"x120" Step=10"	Pitch=-425", Yaw=-781"
Event # = 915									
80/07/08, 19:52	Start	DOY=190							
GOES	19:49	19:52	End times	SMM Pointing:	N28W68			Pitch=-419", Yaw=-777", Roll=0deg	H. Ang=69deg
HXRBS	19:51:21	19:52:37		Importance=C1	Qual=01				
BCS	19:52	19:53:02		Peak...c/s=84	Qual=01				
FCS	19:52	19:53		CaPeak.c/s=21	Qual=1				
HXIS	19:53	19:53		Peak3...c/s=34					
UVSP	19:51	19:51		Peak...c/s=72					
	19:29			Wave length=1680A	Code=00	Exp #=5964		Rast=120"x120" Step=10"	Pitch=-425", Yaw=-781"
Event # = 916									
80/07/08, 20:59	Start	DOY=190							
GOES	20:58	20:59	End times	SMM Pointing:	N28W69			Pitch=-425", Yaw=-780", Roll=0deg	H. Ang=70deg
HXRBS	20:58:52	20:59:04		Importance=C1	Qual=05				
UVSP	20:57	20:59:17		Peak...c/s=113	Qual=01				
Radio				Wave length=1668A	Code=00	Tot Cts=573		MaxkeV=127	
				Frequency (MHz)/Flux(sfu): 15400/32		Exp #=5965		Rast=10"x10" Step=0"	Pitch=-427", Yaw=-790"
Event # = 917									
80/07/08, 21:03	Start	DOY=190							
GOES	21:01	21:03	End times	SMM Pointing:	N28W69			Pitch=-425", Yaw=-780", Roll=0deg	H. Ang=70deg
HXRBS	21:02:50	21:03:20		Importance=C1	Qual=01				
BCS	21:03	21:04:26		Peak...c/s=90	Qual=01				
HXIS	21:03	21:03		CaPeak.c/s=19	Qual=1				
UVSP	21:02	21:03		Peak...c/s=55					
				Wave length=1667A	Code=00	Exp #=5967		Rast=10"x10" Step=0"	Pitch=-437", Yaw=-745"
					Associated	Event # = 918		MaxkeV=127	
HXRBS	21:06:05	21:06:17		Peak...c/s=87	Qual=01			Rast=120"x120" Step=10"	Pitch=-437", Yaw=-765"
UVSP	21:05	21:06:34		Wave length=1680A		Exp #=5968			
Event # = 919									
80/07/08, 21:12	Start	DOY=190							
GOES	21:11	21:12	End times	SMM Pointing:	N28W69			Pitch=-425", Yaw=-780", Roll=0deg	H. Ang=70deg
HXRBS	21:12:17	21:12:43		Importance=C1	Qual=01				
UVSP	21:05	21:13:20		Peak...c/s=69	Qual=01				
				Wave length=1680A	Code=00	Exp #=5968		MaxkeV=127	
								Rast=120"x120" Step=10"	Pitch=-437", Yaw=-765"
Event # = 920									
80/07/08, 23:17	Start	DOY=190							
Optical			End times	SMM Pointing:	N28W69			Pitch=-425", Yaw=-780", Roll=0deg	H. Ang=70deg
GOES	23:13	23:17		Ha...Class=SB	N16E90				
HXRBS	23:14:02	23:14:25		Ha...Class=SN	N29W69			Mac.=HSX	Carr. Lon.=228deg
UVSP	22:45	23:15:18		Importance=C3	Qual=02				Carr. Lon.=27deg
C/P	00:11	Extrap St=07/09, 23:00		Peak...c/s=94	Qual=01			MaxkeV=55	Flags=ND
				Wave length=1402A	Code=00	Exp #=5972		Rast=12"x12" Step=4"	Pitch=-425", Yaw=-771"
				PA=291deg					

80/07/09 DOY=191									
Event # = 20337	80/07/09, 00:06	DOY=191	SMM Pointing:	N28W69				Pitch=-425", Yaw=-780", Roll=0deg	H. Ang=70deg
Start	Peak	End times	Importance=C3	Qual=01					
GOES 00:04	00:06	00:08	CaPeak.c/s=22	Qual=5	FePeak=00:07			FePeak.c/s=8	XEN=19100
BCS 00:07	00:07	00:07	Peak3..c/s=12					Rast=0"x0"	2.048s/pixel
FCS 00:07	00:07		WaveLength=1397A	Code=02	Exp #=5973			Pitch=-425", Yaw=-775"	
UVSP 00:08			III/2 V/2						
Radio Sweeps	Type/Intensity:		1415/12 2695/19 4995/29 8800/22						
Radio Frequency(MHz)/Flux(sfu):									
Event # = 921	80/07/09, 01:45	DOY=191	SMM Pointing:	N28W71				Pitch=-422", Yaw=-792", Roll=0deg	H. Ang=72deg
Start	Peak	End times	Importance=C1	Qual=01					
GOES 01:39	01:45	01:46	Peak...c/s=427	Qual=01	Tot Cts=6046			MaxkeV=262	
HXRBS 01:45:31	01:45:43	01:46:35	CaPeak.c/s=31	Qual=1	FePeak=01:45			FePeak.c/s=14	XEN=19102
BCS 01:45	01:45	01:46	Peak3..c/s=63					Rast=0"x0"	2.048s/pixel
FCS 01:45	01:45		WaveLength=1397A	Code=00	Exp #=5976			Rast=4"x4"	Cad=2.05s
UVSP 01:43				Associated	Event # = 20368			Step=0"	Pitch=-402", Yaw=-767"
				Qual=1	FePeak=01:42			Step=0"	
BCS 01:42	01:43	01:44	CaPeak.c/s=31	Qual=1				FePeak.c/s=12	XEN=19101
FCS 01:43	01:43		Peak3..c/s=64					Rast=0"x0"	3840s/pixel
Event # = 922	80/07/09, 02:15	DOY=191	SMM Pointing:	N28W71				Pitch=-422", Yaw=-792", Roll=0deg	H. Ang=72deg
Start	Peak	End times	Importance=C2	Qual=01					
GOES 02:11	02:15	02:20	Peak...c/s=523	Qual=01	Tot Cts=59760			MaxkeV=262	
HXRBS 02:14:45	02:15:12	02:16:40	CaPeak.c/s=31	Qual=1	FePeak=02:16			FePeak.c/s=10	XEN=19104
BCS 02:15	02:16	02:18	Peak3..c/s=49					Rast=0"x0"	2.048s/pixel
FCS 02:16	02:16		WaveLength=1402A	Code=00	Exp #=5978			Rast=12"x12"	Pitch=-398", Yaw=-827"
UVSP 01:56			III/1 V/1						
Radio Sweeps	Type/Intensity:		245/4500 410/4800 506/40						
Radio Frequency(MHz)/Flux(sfu):			Associated		Event # = 20373				
BCS 02:18	02:20	02:22	CaPeak.c/s=44	Qual=1	FePeak=02:20			FePeak.c/s=13	XEN=19105
FCS 02:22	02:22		Peak3..c/s=38					Rast=0"x0"	2.048s/pixel
UVSP 02:15			WaveLength=1402A		Exp #=5979			Rast=12"x12"	Pitch=-398", Yaw=-828"
Event # = 923	80/07/09, 21:18	DOY=191	SMM Pointing:	N28W78				Pitch=-429", Yaw=-817", Roll=0deg	H. Ang=77deg
Start	Peak	End times	Ha...Class=SF	S02E41					
Optical			Importance=C1	Qual=01	AR2561			Mac.=CS0	H. Ang=41deg
GOES 21:15	21:18	21:20	Peak...c/s=69	Qual=01				MaxkeV=55	
HXRBS 21:12:45	21:12:55	21:14:00							
Event # = 924	80/07/09, 22:59	DOY=191	SMM Pointing:	N28W85				Pitch=-433", Yaw=-834", Roll=0deg	H. Ang=84deg
Start	Peak	End times	Ha...Class=SF	N20E70					
Optical			Importance=C2	Qual=01	AR2559			Mac.=DS0	H. Ang=70deg
GOES 22:56	22:59	23:02	Peak...c/s=138	Qual=01	Tot Cts=2288			MaxkeV=127	
HXRBS 22:57:25	22:59:50	23:02:30	CaPeak.c/s=71	Qual=1	FePeak=22:59			FePeak.c/s=20	XEN=19106
BCS 22:58	22:59	23:01	Peak3..c/s=151					Rast=300"x300"	1.024s/pixel
FCS 23:01	23:01		WaveLength=2869A	Code=00	Exp #=5981			Rast=3"x3"	Pitch=-441", Yaw=-816"
UVSP 22:48									
Radio Sweeps	Type/Intensity:		V/1						

Event # = 925		80/07/10		DOY=192	
Start	End times	SMM Pointing:	Peak	DOY=192	
80/07/10 01:50		N28W87			Pitch=-434", Yaw=-837", Roll=0deg H. Ang=86deg
GOES		Qual=00			
HXRBS	01:50:15 01:50:20 01:50:30	Peak...c/s=139			
UVSP	01:46	Wavelength=1409A	Tot Cts=429 Exp #=5988		MaxkeV=127 Rast=30"x3" Step=0" Pitch=-460", Yaw=-822"
Event # = 926					
80/07/10 02:28		N28W87			Pitch=-434", Yaw=-837", Roll=0deg H. Ang=86deg
GOES	02:25 02:28 02:31	Importance=C2			
HXRBS	02:27:40 02:28:20 02:30:30	Peak...c/s=209			
BCS	02:28	CaPeak.c/s=34			
FCS	02:28	Peak3...c/s=12			
HXIS	02:27	Peak...c/s=88			
UVSP	01:46	Wavelength=1409A	Code=00 Exp #=5988		Rast=30"x3" Step=0" Pitch=-460", Yaw=-822"
Event # = 927					
80/07/10 03:57		N28W88			Pitch=-435", Yaw=-837", Roll=0deg H. Ang=86deg
GOES	03:54 03:57 03:59	Importance=C2			
HXRBS	03:55:50 03:56:55 03:58:50	Peak...c/s=535			
BCS	03:56	CaPeak.c/s=108			
FCS	03:56	Peak3...c/s=11			
HXIS	03:57	Peak...c/s=256			
UVSP	03:21	Wavelength=1548A	Code=00 Exp #=5991		Rast=30"x3" Step=0" Pitch=-451", Yaw=-813"
Radio Sweeps		V/I			
Radio Frequency		410/46			
Event # = 928					
80/07/10 05:01		N28W88			Pitch=-436", Yaw=-837", Roll=0deg H. Ang=86deg
GOES	04:59 05:01 05:04	Importance=C2			
HXRBS	05:01:35 05:01:45 05:02:20	Peak...c/s=120			
BCS	05:02	CaPeak.c/s=21			
UVSP	04:53	Wavelength=1348A			
Radio Frequency		245/210 410/96	Tot Cts=791 FePeak=05:02 Exp #=5993		MaxkeV=55 FePeak.c/s=11 Rast=4"x60" Step=4" Pitch=-445", Yaw=-821"
Event # = 929					
80/07/10 09:44		N28W88			Pitch=-443", Yaw=-833", Roll=0deg H. Ang=86deg
GOES	09:41 09:44 09:46	Importance=C2			
HXRBS	09:43:20 09:43:25 09:44:50	Peak...c/s=95			
UVSP	09:42	Wavelength=1349A	Code=00 Exp #=6012		MaxkeV=55 Rast=240"x240" Step=10" Pitch=-505", Yaw=-883"
Event # = 930					
80/07/10 10:19		N28W88			Pitch=-443", Yaw=-833", Roll=0deg H. Ang=86deg
GOES	10:16 10:19 10:21	Importance=C2			
HXRBS	10:17:50 10:18:15 10:20:25	Peak...c/s=79			
UVSP	10:14	Wavelength=1349A	Code=00 Exp #=6016		MaxkeV=55 Rast=240"x240" Step=10" Pitch=-505", Yaw=-884"

Event # = 12675	DOY=192	SMM Pointing:	N28W88	Pitch=-441", Yaw=-834", Roll=0deg	H. Ang=86deg
80/07/10, 11:12	Start	End times			
HRBS 11:12:48	Peak	11:12:51	Qual=01	MaxkeV=151	Flags=NS
UVSP 11:17		11:12:58	Wavelength=1347A	Rast=10"x10"	Step=0" Pitch=-448", Yaw=-774"
Event # = 931	DOY=192	SMM Pointing:		Pitch=-440", Yaw=-839", Roll=0deg	
80/07/10, 13:00	Start	End times			
Optical				Mac.=HKX	Carr. Lon.=207deg H. Ang=91deg
GOES 12:50	13:00	13:01	S10E90		
HRBS 12:59:40	13:00:50	13:02:30	Qual=01	MaxkeV=127	
UVSP 12:55			Qual=01	Rast=240"x240"	Step=10" Pitch=-507", Yaw=-884"
Radio			Code=00		
Frequency(MHz)/Flux(sfu):			410/68 606/37 1415/44 2695/74		
Event # = 932	DOY=192	SMM Pointing:	N28W86	Pitch=-443", Yaw=-830", Roll=0deg	H. Ang=84deg
80/07/10, 14:41	Start	End times			
GOES 14:39:00	14:41:45	14:43:35	Qual=00	MaxkeV=55	
HRBS 14:35			Qual=01	Rast=240"x240"	Step=10" Pitch=-507", Yaw=-883"
UVSP					
Event # = 933	DOY=192	SMM Pointing:	N28W86	Pitch=-443", Yaw=-830", Roll=0deg	H. Ang=84deg
80/07/10, 15:43	Start	End times			
GOES 15:16	15:43	16:20	Qual=05	MaxkeV=490	Flags=AX, EW
HRBS 15:58:05	15:58:15	15:58:45	Qual=01	Rast=10"x10"	Step=0" Pitch=-449", Yaw=-773"
UVSP 16:05					
Event # = 934	DOY=192	SMM Pointing:		Pitch=-440", Yaw=-839", Roll=0deg	
80/07/10, 17:39	Start	End times			
Optical				Mac.=CAO	Carr. Lon.=262deg H. Ang=32deg
GOES 17:36	17:39	17:47	S01E32		H. Ang=11deg
HRBS 17:38:55	17:39:20	17:39:30	N14E04	MaxkeV=127	
UVSP			Qual=04		
			Code=01		
Event # = 935	DOY=192	SMM Pointing:	N28W90	Pitch=-443", Yaw=-835", Roll=0deg	H. Ang=88deg
80/07/10, 21:22	Start	End times			
GOES 21:20	21:22	21:23	Qual=01	MaxkeV=55	
HRBS 21:22:05	21:22:20	21:23:00	Qual=01	Rast=120"x120"	Step=3" Pitch=-450", Yaw=-846"
UVSP 21:00			Code=00		
Event # = 936	DOY=192	SMM Pointing:	N28W90	Pitch=-443", Yaw=-835", Roll=0deg	H. Ang=88deg
80/07/10, 21:26	Start	End times			
GOES 21:23	21:26	21:30	Qual=01	MaxkeV=127	
HRBS 21:25:00	21:26:05	21:27:00	Qual=01	Rast=120"x120"	Step=3" Pitch=-450", Yaw=-846"
UVSP 21:00			Code=00		

Event # = 4278		DOY=193		SMM Pointing:		N28W85		Pitch=-440", Yaw=-831", Roll=0deg		H. Ang=84deg	
80/07/11,15:18	Start	15:18	Peak	End times							
Optical											
GOES	15:12	15:18		15:22	Ha...Class=18	S10E73	AR2562	Mac.=DKI	Carr. Lon.=209deg		H. Ang=74deg
HXRBS	15:11:58	15:13:41		15:22:38	Importance=C4	Qual=01		MaxkeV=262	Flags=1		
UVSP	15:18				Peak...c/s=319	Qual=01	Tot Cts=15189	Rast=240"x240"	Step=10"	Pitch=-507", Yaw=-883"	
Radio					Wavelength=1349A	Code=02	Exp #=6102				
Frequency(MHz)/Flux(sfu):		245/32 410/11 2695/20 4995/20 8800/9									
Event # = 945		DOY=193		SMM Pointing:		S12E03		Pitch=+261", Yaw=+47", Roll=0deg		H. Ang=16deg	
80/07/11,19:04	Start	19:04	Peak	End times							
Optical											
GOES	18:50	19:04		19:30	Ha...Class=28	S10E70	AR2562	Mac.=DKI	Carr. Lon.=210deg		H. Ang=71deg
HXRBS	19:12:12	19:13:27		19:14:32	Importance=M9	Qual=05		MaxkeV=127			
UVSP	19:17				Peak...c/s=87	Qual=01	Exp #=6113	Rast=4"x4"	Step=0"	Pitch=+256", Yaw=+51"	
Frequency(MHz)/Flux(sfu):		2695/100									
Event # = 946		DOY=193		SMM Pointing:		S12E02		Pitch=+261", Yaw=+33", Roll=0deg		H. Ang=16deg	
80/07/11,19:44	Start	19:44	Peak	End times							
Optical											
GOES	19:42	19:44		19:55	Ha...Class=SB	S11E74	AR2562	Mac.=DKI	Carr. Lon.=206deg		H. Ang=75deg
HXRBS	19:43:56	19:44:41		19:46:06	Importance=M1	Qual=03		MaxkeV=127			
UVSP	19:30				Peak...c/s=224	Qual=01	Tot Cts=8592	Rast=8"x100"	Step=4"	Pitch=+256", Yaw=+51"	
Frequency(MHz)/Flux(sfu):		1402A									
Event # = 20345		DOY=193		SMM Pointing:		S12E02		Pitch=+261", Yaw=+33", Roll=0deg		H. Ang=16deg	
80/07/11,20:47	Start	20:47	Peak	End times							
Optical											
GOES	20:41	20:47		21:30	Ha...Class=SN	S08E74	AR2562	Mac.=DKI	Carr. Lon.=205deg		H. Ang=75deg
BCS	20:52	20:53		21:10	Importance=C4	Qual=04		FePeak.c/s=8	#Peaks=1	XEN=19305	
FCS	20:57	20:57			CaPeak.c/s=32	Qual=5	FePeak=20:53	Rast=180"x180"	Step=10"	Cad= 664s 2.048s/pixel	
HXIS	20:49	20:52			Peak3...c/s=201			Rast=4"x4"	Step=0"	Pitch=+277", Yaw=+72"	
UVSP					Peak...c/s=76		Exp #=6116				
Frequency(MHz)/Flux(sfu):		1399A									
Event # = 20377		DOY=193		SMM Pointing:		S11E85		Pitch=+181", Yaw=+926", Roll=0deg		H. Ang=86deg	
80/07/11,21:40	Start	21:40	Peak	End times							
Optical											
GOES	21:30	21:40		21:45	Ha...Class=SN	S08E74	AR2562	Mac.=DKI	Carr. Lon.=205deg		H. Ang=75deg
BCS	21:31	21:31		21:31	Importance=C3	Qual=02	FePeak=21:31	FePeak.c/s=8	#Peaks=1	XEN=19313	
UVSP	21:00				CaPeak.c/s=25	Qual=2	Exp #=6118	Rast=120"x120"	Step=4"	Pitch=+190", Yaw=+902"	
Frequency(MHz)/Flux(sfu):		1400A									

Event # = 947									
80/07/11, 22:18	Start	DOY=193	Peak	End times	SMM Pointing:	S11E85	Pitch=+181", Yaw=+926", Roll=0deg	H. Ang=86deg	
Optical					Ha...Class=28				
Optical					Code=SPY	S10E70	Mac.=DK1	Carr. Lon.=209deg	H. Ang=71deg
GOES	22:09	22:18		22:50	Importance=M5	S10E90		Carr. Lon.=189deg	H. Ang=91deg
HXRBS	22:23:44	22:26:55	22:29:44		Peak...c/s=105	Qual=05			
BCS	22:24	22:24	23:15		CaPeak.c/s=1041	Qual=01	MaxkeV=55		
FCS	22:43	22:25			Peak3...c/s=13	Qual= 5	FePeak.c/s=146	#Peaks=1	XEN=19300
HXIS					Peak...c/s=1995		Rast=0"x0"	Step=0"	Cad=2.05s
UVSP	22:25				WaveLength=1399A	Code=02	Rast=4"x4"	Pitch=+193"	Yaw=+940"
Radio	Frequency(MHz)/Flux(sfu):				2695/160	Exp #=6119			
80/07/12 DOY=194									
Event # = 20401									
80/07/12, 00:00	Start	DOY=194	Peak	End times	SMM Pointing:	S10E83	Pitch=+177", Yaw=+924", Roll=0deg	H. Ang=84deg	
GOES									
BCS	00:00	00:00	00:04		CaPeak.c/s=30	Qual=00	FePeak.c/s=9	#Peaks=1	XEN=19402
UVSP	00:02				WaveLength=1399A	Qual= 5	Rast=4"x4"	Step=0"	Pitch=+193", Yaw=+940"
Event # = 20347									
80/07/12, 00:35	Start	DOY=194	Peak	End times	SMM Pointing:	S10E84	Pitch=+177", Yaw=+925", Roll=0deg	H. Ang=85deg	
GOES					Importance=C4	Qual=01			
BCS	00:25	00:35	00:44		CaPeak.c/s=70	Qual= 1	FePeak.c/s=11	#Peaks=3	dt= 6.1s
HXIS	00:04	00:34	00:51		Peak...c/s=165		Rast=120"x120"	Step=4"	XEN=19403
UVSP	00:12	00:35			WaveLength=1402A	Code=00	Exp #=6124	Pitch=+192"	Yaw=+854"
Event # = 948									
80/07/12, 02:32	Start	DOY=194	Peak	End times	SMM Pointing:	S10E82	Pitch=+178", Yaw=+921", Roll=0deg	H. Ang=83deg	
Optical					Ha...Class=SB				
GOES	02:07	02:32	02:58		Importance=M1	S10E64	Mac.=DK1	Carr. Lon.=212deg	H. Ang=65deg
HXRBS	02:15:39	02:16:55	02:28:19		Peak...c/s=90	Qual=01	MaxkeV=55		
HXIS		02:33			Peak...c/s=259				
UVSP	03:13				WaveLength=1347A		Rast=3"x3"	Step=0"	Pitch=+193", Yaw=+947"
Event # = 20402									
80/07/12, 04:40	Start	DOY=194	Peak	End times	SMM Pointing:	S10E82	Pitch=+178", Yaw=+921", Roll=0deg	H. Ang=83deg	
GOES	04:33	04:40	04:55		Importance=C4	Qual=05			
BCS	04:47	04:48	04:54		CaPeak.c/s=33	Qual= 5	FePeak.c/s=8	#Peaks=1	XEN=19405
FCS					Peak3...c/s=12		Rast=0"x0"	Step=0"	Cad=3840s
UVSP	04:48	04:50			WaveLength=1347A	Code=02	Rast=3"x3"	Step=0"	Pitch=+193", Yaw=+947"
Event # = 20348									
80/07/12, 05:02	Start	DOY=194	Peak	End times	SMM Pointing:	S10E82	Pitch=+180", Yaw=+920", Roll=0deg	H. Ang=82deg	
GOES	04:55	05:02	05:09		Importance=C3	Qual=01			
BCS	04:55	05:02	05:11		CaPeak.c/s=32	Qual= 1	FePeak=05:02	#Peaks=1	dt= 6.1s
FCS		05:04			Peak3...c/s=11		Rast=0"x0"	Step=0"	XEN=19434
HXIS		05:04			Peak...c/s=72		Rast=120"x120"	Cad=2.05s	2.048s/pixel
UVSP	04:51				WaveLength=1349A	Code=00	Exp #=6132	Pitch=+192"	Yaw=+932"

Event # = 20392											
80/07/12, 05:17		DOY=194		SMM Pointing:		S10E82		Pitch=+180", Yaw=+920", Roll=0deg		H.Ang=82deg	
Start		Peak		End times							
GOES 05:08		05:17		05:29		Importance=C3		Qual=01		FePeak=05:17	
BCS 05:14		05:17		05:19		CaPeak.c/s=23		Qual= 1		dt= 6.1s XEN=19412	
FCS 05:15		05:15				Peak3..c/s=10				Cad=2.05s 2.048s/pixel	
UVSP 04:51						Wavelength=1349A		Code=00		Step=3" Pitch=+192", Yaw=+932"	

Event # = 20406									
80/07/12	08:55	DOY=194	SMM Pointing:		S11E84	Pitch=+184", Yaw=+924", Roll=0deg		H. Ang=85deg	
	Start	Peak	End times						
GOES	08:51	08:55	09:10		Qual=03				
BCS	08:56	08:58	08:58		CaPeak.c/s=23				
UVSP	08:04				Wavelength=1349A				
					Code=00				
Event # = 20409									
80/07/12	09:30	DOY=194	SMM Pointing:		S11E84	Pitch=+184", Yaw=+924", Roll=0deg		H. Ang=85deg	
	Start	Peak	End times						
GOES	09:15	09:30	09:42		Qual=05				
BCS	09:35	09:35	09:38		CaPeak.c/s=26				
UVSP	09:37				Wavelength=1399A				
					Code=02				
Event # = 4280									
80/07/12	09:45	DOY=194	SMM Pointing:		S11E84	Pitch=+184", Yaw=+924", Roll=0deg		H. Ang=85deg	
	Start	Peak	End times						
Optical									
GOES	09:44	09:45	09:47		Ha...Class=SB				
HXRBS	09:42:52	09:43:06	09:44:12		Importance=C2				
BCS	09:43	09:43	09:46		Peak...c/s=228				
UVSP	09:45				CaPeak.c/s=25				
					Wavelength=1399A				
					Code=02				
Event # = 20350									
80/07/12	10:32	DOY=194	SMM Pointing:		S11E84	Pitch=+184", Yaw=+924", Roll=0deg		H. Ang=85deg	
	Start	Peak	End times						
GOES	10:00	10:32	10:42		Importance=C9				
HXIS		10:30			Peak...c/s=320				
UVSP	10:03				Wavelength=1400A				
					Code=00				
Event # = 952									
80/07/12	11:19	DOY=194	SMM Pointing:		S11E84	Pitch=+184", Yaw=+924", Roll=0deg		H. Ang=85deg	
	Start	Peak	End times						
Optical									
GOES	11:09	11:19	11:59		Ha...Class=SB				
HXRBS	11:10:40	11:17:15	11:27:03		Importance=M4				
BCS	11:11	11:19	12:10		Peak...c/s=1406				
FCS		11:20			CaPeak.c/s=1395				
HXIS		11:14			Peak3...c/s=21				
UVSP	11:12				Peak...c/s=1872				
Radio					Wavelength=1400A				
					Code=00				
					Exp #=6144				
					Frequency(MHz)/Flux(sfu):				
					4995/42 8800/67				
					15400/33				
Event # = 953									
80/07/12	12:55	DOY=194	SMM Pointing:		S10E81	Pitch=+182", Yaw=+919", Roll=0deg		H. Ang=82deg	
	Start	Peak	End times						
GOES	12:52	12:55	12:57		Importance=C3				
HXRBS	12:54:09	12:55:00	12:56:29		Peak...c/s=92				
UVSP	12:47				Wavelength=1400A				
					Code=00				
					Exp #=6148				
					MaxkeV=127				
					Rast=240"x240"				
					Flags=ND				
					Step=3"				
					Pitch=+137"				
					Yaw=+854"				

Event # = 20352									
80/07/12, 20:46	Start	DOY=194	End times	SMM Pointing:	S11E82		Pitch=+194", Yaw=+918", Roll=0deg	H. Ang=83deg	
Optical				Ha...Class=SN	S10E59		Mac.=DKI	Carr. Lon.=207deg	H. Ang=60deg
GOES	20:42	20:46	20:50	Importance=C3	Qual=05				
BCS	20:46	20:46	20:49	CaPeak.c/s=57	Qual=5	FePeak=20:46	FePeak.c/s=14	#Peaks=1	XEN=19425
FCS	20:47	20:47		Peak3...c/s=41			Rast=0"x0"	Cad=.26s	0.256s/pixel
HXIS				Peak...c/s=88			Rast=4"x4"	Step=0"	
UVSP	20:47	20:44		Wavelength=1397A	Code=02	Exp #=6161	Step=0"	Pitch=+210", Yaw=+931"	
Event # = 959									
80/07/12, 22:37	Start	DOY=194	End times	SMM Pointing:	S10E59		Pitch=+197", Yaw=+798", Roll=0deg	H. Ang=60deg	
Optical				Ha...Class=SN	S14E51		Mac.=DKI	Carr. Lon.=214deg	H. Ang=54deg
GOES	22:29	22:37	22:50	Importance=C4	Qual=01				
HXRBS	22:25:50	22:26:05	22:26:25	Peak...c/s=84	Qual=01		MaxkeV=55		
BCS	22:31	22:39	22:45	CaPeak.c/s=58	Qual=1	FePeak=22:39	FePeak.c/s=16	#Peaks=2	dt= 6.1s
FCS	22:42	22:42		Peak3...c/s=118			Rast=0"x0"	Cad=30.7s	XEN=19427
HXIS				Peak...c/s=133			Rast=28"x28"	Step=4"	Pitch=+205", Yaw=+808"
UVSP	22:37	22:38		Wavelength=1397A	Code=02	Exp #=6166	Step=4"	Pitch=+205", Yaw=+808"	
				Associated	Qual=01				
HXRBS	22:30:15	22:30:35	22:32:05	Peak...c/s=78	Qual=01		MaxkeV=55		
UVSP	22:24	22:24		Wavelength=1397A		Exp #=6164	Rast=4"x4"	Step=0"	Pitch=+228", Yaw=+766"
				Associated					
HXRBS	22:37:10	22:40:20	22:40:45	Peak...c/s=84	Qual=01	Tot Cts=1043	MaxkeV=55		
Event # = 962									
80/07/12, 22:59	Start	DOY=194	End times	SMM Pointing:	S10E59		Pitch=+197", Yaw=+798", Roll=0deg	H. Ang=60deg	
GOES	22:57	22:59	23:02	Importance=C1	Qual=01				
HXRBS	22:57:50	22:58:15	22:59:15	Peak...c/s=74	Qual=01		MaxkeV=55		
UVSP	22:37	22:37		Wavelength=1397A	Code=00	Exp #=6166	Rast=28"x28"	Step=4"	Pitch=+205", Yaw=+808"
Event # = 963									
80/07/12, 23:01	Start	DOY=194	End times	SMM Pointing:	S10E59		Pitch=+197", Yaw=+798", Roll=0deg	H. Ang=60deg	
GOES									
HXRBS	23:00:40	23:01:30	23:01:40	Peak...c/s=71	Qual=06		MaxkeV=55		
UVSP	22:37	22:37		Wavelength=1397A	Qual=01	Exp #=6166	Rast=28"x28"	Step=4"	Pitch=+205", Yaw=+808"
Event # = 20415									
80/07/12, 23:12	Start	DOY=194	End times	SMM Pointing:	S10E59		Pitch=+197", Yaw=+798", Roll=0deg	H. Ang=60deg	
GOES									
HXRBS	23:12	23:12	23:12	CaPeak.c/s=21	Qual=06		FePeak=23:12	#Peaks=1	XEN=19429
UVSP	22:37	22:37		Wavelength=1397A	Qual=2	Exp #=6166	Rast=28"x28"	Step=4"	Pitch=+205", Yaw=+808"
Event # = 964									
80/07/13, 00:27	Start	DOY=195	End times	SMM Pointing:	S10E58		Pitch=+198", Yaw=+791", Roll=0deg	H. Ang=60deg	
GOES									
HXRBS	00:27:30	00:27:40	00:28:05	Peak...c/s=70	Qual=06		MaxkeV=55	Flags=ND	
UVSP	00:13	00:13		Wavelength=1402A	Qual=01	Exp #=6169	Rast=28"x28"	Step=4"	Pitch=+210", Yaw=+772"
				Associated					
HXRBS	00:28:50	00:29:05	00:29:30	Peak...c/s=90	Qual=01	Event # = 965	MaxkeV=55		

Event # = 20355 80/07/13, 03:43	DOY=195 Peak Start	SMM Pointing: End times Importance=C2 CaPeak.c/s=21 Peak3...c/s=41 Wavelength=1548A	S10E56 Qual=01 Qual=1 Code=00	FePeak=03:41 Exp #=6176	Pitch=+201", Yaw=+776", Roll=0deg H. Ang=58deg
GOES 03:31	03:43				FePeak.c/s=6 Rast=0" x0" Rast=30" x3"
BGS 03:41	03:41				#Peaks=1 Step=0" Step=0"
FCS 03:41	03:41				XEN=19500 Cad=3840s Pitch=+204", Yaw=+781"
UVSP 03:15					
Event # = 966 80/07/13, 03:52	DOY=195 Peak Start	SMM Pointing: End times Peak...c/s=72 CaPeak.c/s=28 Peak3...c/s=39 Peak...c/s=72 Wavelength=1548A	S10E56 Qual=01 Qual=01 Qual=1 Code=00	Exp #=6176 Event # = 967 Associated Qual=01	Pitch=+201", Yaw=+776", Roll=0deg H. Ang=58deg
GOES 03:50	03:52				MaxkeV=55 FePeak.c/s=10 Rast=0" x0"
HXRBS 03:51:20	03:52:15				#Peaks=1 Step=0" Step=0"
BGS 03:52	03:55				dt= 6.1s Cad=3840s XEN=19502
FCS 03:53	03:53				
HXIS 03:52	03:52				Pitch=+204", Yaw=+781"
UVSP 03:15					
HXRBS 03:56:05	03:56:10				MaxkeV=55
Event # = 968 80/07/13, 06:35	DOY=195 Peak Start	SMM Pointing: End times Importance=C4 Peak...c/s=71 CaPeak.c/s=127 Peak...c/s=253 Wavelength=1548A	S10E55 Qual=01 Qual=01 Qual=1 Code=00	Tot Cts=924 FePeak=06:31 Exp #=6182	Pitch=+200", Yaw=+760", Roll=0deg H. Ang=56deg
GOES 06:20	06:35				MaxkeV=127 FePeak.c/s=27 Rast=30" x3"
HXRBS 06:26:05	06:29:25				#Peaks=1 dt= 6.1s XEN=19507
BGS 06:21	06:31				
HXIS 06:32	06:32				Step=0" Pitch=+239", Yaw=+783"
UVSP 06:26					
Event # = 969 80/07/13, 11:06	DOY=195 Peak Start	SMM Pointing: End times Ha...Class=SN Ha...Class=SN Importance=C2 Peak...c/s=64 Wavelength=1544A	S10E53 S10E48 S10E70 Qual=05 Qual=01 Code=02	AR2562 AR2567 Exp #=6189	Pitch=+204", Yaw=+743", Roll=0deg H. Ang=55deg
Optical					Mac.=DKC Carr. Lon.=210deg Carr. Lon.=188deg
GOES 11:03	11:06				
HXRBS 11:16:10	11:17:00				MaxkeV=262 Rast=3" x3"
UVSP 11:10	11:10				Step=0" Pitch=+219", Yaw=+760"
Event # = 970 80/07/13, 14:35	DOY=195 Peak Start	SMM Pointing: End times Ha...Class=SB Importance=C6 Peak...c/s=140 CaPeak.c/s=247 Peak3...c/s=26 Peak...c/s=456	S14E46 S15E49 Qual=01 Qual=01 Qual=1	Tot Cts=15180 FePeak=14:34 Exp #=6195	Pitch=+278", Yaw=+663", Roll=0deg H. Ang=49deg
Optical					Mac.=DKC Carr. Lon.=207deg H. Ang=52deg
GOES 14:30	14:35				
HXRBS 14:30:25	14:33:15				MaxkeV=127 FePeak.c/s=76 Rast=0" x0"
BGS 14:32	14:34				#Peaks=1 dt= 6.1s Cad=3840s
FCS 14:39	14:39				XEN=19508 3840s/pixel
HXIS 14:34	14:34				
Event # = 20431 80/07/13, 15:06	DOY=195 Peak Start	SMM Pointing: End times Ha...Class=SB Importance=C6 CaPeak.c/s=54 Peak3...c/s=21 Wavelength=1544A	S14E46 S09E50 Qual=05 Qual=6	FePeak=15:17 Exp #=6195	Pitch=+278", Yaw=+663", Roll=0deg H. Ang=49deg
Optical					Mac.=DKC Carr. Lon.=206deg H. Ang=52deg
GOES 15:02	15:06				
BGS 14:50	15:17				#Peaks=1 dt= 6.1s Cad=3840s
FCS 14:52	15:19				XEN=19510 3840s/pixel
UVSP 15:58	14:52				Step=0" Pitch=+300", Yaw=+651"

Event # = 977												
80/07/14, 01:34	DOY=196	SMM Pointing:		S14E40	Pitch=+279", Yaw=+595", Roll=0deg		H. Ang=44deg					
Start	Peak	End times										
GOES 01:32	01:34	01:37	Importance=C1	Qual=01								
HXRBS 01:34:45	01:34:55	01:35:00	Peak...c/s=99	Qual=01								
BCS 01:35	01:35	01:36	CaPeak.c/s=18	Qual=1								
UVSP 01:34			Wavelength=1423A	Code=02	FePeak=01:35	#Peaks=1	XEN=19602					
					Exp #=6215	Step=0"	Pitch=+99", Yaw=+419"					
Event # = 978												
80/07/14, 01:52	DOY=196	SMM Pointing:		S14E40	Pitch=+279", Yaw=+595", Roll=0deg		H. Ang=44deg					
Start	Peak	End times										
Optical												
GOES 01:46	01:52	01:56	Ha...Class=SN	S10E43								
HXRBS 01:49:15	01:49:35	01:52:40	Importance=C4	Qual=01								
BCS 01:49	01:52	02:09	Peak...c/s=197	Qual=01								
FCS 01:53	01:53		CaPeak.c/s=137	Qual=1								
HXIS 01:51			Peak3...c/s=11									
UVSP 01:46			Peak...c/s=269									
Radio Sweeps		Type/Intensity:	Wavelength=1436A	Code=00	Exp #=6218	Step=10"	Pitch=+234", Yaw=+642"					
			III/1									
Event # = 979												
80/07/14, 03:18	DOY=196	SMM Pointing:		S14E39	Pitch=+277", Yaw=+579", Roll=0deg		H. Ang=43deg					
Start	Peak	End times										
GOES 03:16	03:18	03:19	Importance=C2	Qual=04								
HXRBS 03:17:33	03:17:39	03:17:53	Peak...c/s=86	Qual=01								
UVSP 03:10			Wavelength=1398A	Code=00	Exp #=6220	Step=0"	Pitch=+235", Yaw=+633"					
Event # = 980												
80/07/14, 03:58	DOY=196	SMM Pointing:		S14E39	Pitch=+277", Yaw=+579", Roll=0deg		H. Ang=43deg					
Start	Peak	End times										
GOES 03:57	03:58	04:02	Importance=C2	Qual=01								
HXRBS 03:55:44	03:57:06	03:58:14	Peak...c/s=172	Qual=01								
HXIS 03:57			Peak...c/s=120									
UVSP 03:23			Wavelength=1402A	Code=00	Exp #=6222	Step=4"	Pitch=+233", Yaw=+601"					
Event # = 981												
80/07/14, 05:03	DOY=196	SMM Pointing:		S14E38	Pitch=+278", Yaw=+568", Roll=0deg		H. Ang=42deg					
Start	Peak	End times										
GOES 05:03:36	05:03:46	05:03:56	Peak...c/s=71	Qual=00								
HXRBS 05:03:36	05:03:46	05:03:56	Wavelength=1402A	Qual=01								
UVSP 04:58					Exp #=6225	Step=4"	Pitch=+247", Yaw=+583"					
Event # = 982												
80/07/14, 06:47	DOY=196	SMM Pointing:		S14E37	Pitch=+280", Yaw=+556", Roll=0deg		H. Ang=41deg					
Start	Peak	End times										
GOES 06:46:24	06:47:14	06:48:14	Peak...c/s=106	Qual=06								
HXRBS 06:46:24	06:47:14	06:48:14	Wavelength=1402A	Qual=01								
UVSP 06:34					Tot Cts=999	Step=4"	Pitch=+216", Yaw=+637"					
					Exp #=6228							
Event # = 20445												
80/07/14, 07:56	DOY=196	SMM Pointing:		S14E36	Pitch=+282", Yaw=+544", Roll=0deg		H. Ang=40deg					
Start	Peak	End times										
GOES 07:55	07:56	08:01	CaPeak.c/s=20	Qual=00								
BCS 07:55	07:56		Peak3...c/s=16	Qual=1								
FCS 07:56			Wavelength=1397A									
UVSP 07:56					FePeak=07:55	#Peaks=1	XEN=19606					
					Exp #=6229	Step=0"	Cad=3840s					
						Step=0"	Pitch=+217", Yaw=+627"					

Event # = 20450									
80/07/14, 08:06	Start	DOY=196	SMM Pointing:		S14E36	Pitch=+282", Yaw=+544", Roll=0deg		H. Ang=40deg	
GOES	08:00	08:06	End times	Importance=C1	Qual=01				
BCS	08:05	08:06		CaPeak.c/s=18	Qual=1				
UVSP	08:06			Wavelength=1402A	Code=02	FePeak=08:06 Exp #=6230 FePeak.c/s=6 #Peaks=1 Rast=240"x240" Step=4" Pitch=+220", Yaw=+512" XEN=19600			
Event # = 983									
80/07/14, 08:29	Start	DOY=196	SMM Pointing:		S14E36	Pitch=+282", Yaw=+544", Roll=0deg		H. Ang=40deg	
Optical			End times	Ha...Class=1B	S13E43				
GOES	08:14	08:29	08:31	Importance=X1	Qual=01				
HXRBS	08:22:04	08:25:55	08:29:24	Peak...c/s=5332	Qual=01				
BCS	08:16	08:26	08:54	CaPeak.c/s=4428	Qual=1				
FCS		08:17		Peak3...c/s=10					
HXIS		08:26		Peak...c/s=5744					
UVSP	08:09			Wave length=1402A	Code=00				
Radio				Frequency(MHz)/Flux(sfu):	606/39 1415/130 2695/67 4995/120 8800/260 15400/150	Pitch=+262", Yaw=+566"			
Event # = 984									
80/07/14, 10:16	Start	DOY=196	SMM Pointing:		S14E36	Pitch=+283", Yaw=+534", Roll=0deg		H. Ang=40deg	
GOES	10:12	10:16	End times	Importance=C1	Qual=01				
HXRBS	10:15:08	10:16:46	10:18:48	Peak...c/s=186	Qual=01				
UVSP	09:45			Wavelength=1402A	Code=00	MaxkeV=127 Rast=12"x12" Step=4" Pitch=+261", Yaw=+563"			
Event # = 985									
80/07/14, 12:48	Start	DOY=196	SMM Pointing:		S14E34	Pitch=+285", Yaw=+510", Roll=0deg		H. Ang=38deg	
GOES	12:46:04	12:48:03	12:49:44	Peak...c/s=79	Qual=00				
HXRBS	12:45			Wave length=1302A	Qual=01				
UVSP						MaxkeV=127 Rast=120"x120" Step=1" Pitch=+298", Yaw=+538"			
Event # = 986									
80/07/14, 13:42	Start	DOY=196	SMM Pointing:		S14E34	Pitch=+285", Yaw=+510", Roll=0deg		H. Ang=38deg	
GOES	13:28	13:42	End times	Importance=C3	Qual=03				
HXRBS	13:26:35	13:30:42	13:33:55	Peak...c/s=78	Qual=01				
UVSP	13:40			Wavelength=1294A	Code=00	MaxkeV=55 Rast=10"x1" Step=0" Pitch=+293", Yaw=+578"			
Event # = 987									
80/07/14, 14:30	Start	DOY=196	SMM Pointing:		S14E33	Pitch=+279", Yaw=+495", Roll=0deg		H. Ang=37deg	
Optical			End times	Ha...Class=SF	S08E56				
GOES	14:10	14:30	14:55	Importance=C3	Qual=03				
HXRBS	14:24:53	14:30:15	14:38:53	Peak...c/s=110	Qual=01				
UVSP	14:23			Wavelength=1402A	Code=00	MaxkeV=127 Rast=240"x240" Step=4" Pitch=+241", Yaw=+468"			
Event # = 20357									
80/07/14, 17:30	Start	DOY=196	SMM Pointing:		S14E32	Pitch=+285", Yaw=+481", Roll=0deg		H. Ang=36deg	
GOES	17:29	17:30	17:43	CaPeak.c/s=29	Qual=06				
BCS		17:30		Peak3...c/s=400	Qual=5				
FCS		17:32		Wavelength=1397A					
UVSP	17:30					FePeak=17:30 Exp #=6281 FePeak.c/s=8 #Peaks=1 Rast=0"x0" Step=0" Cad=.26s 0.256s/pixel Pitch=+276", Yaw=+471" XEN=19613			

Event # = 20496	DOY=196	SMM Pointing:	S14E32	Pitch=+285", Yaw=+481", Roll=0deg	H. Ang=36deg
80/07/14, 17:46	Start	End times	Qual=06		
GOES	17:44	17:49	Qual=1	#Peaks=1	XEN=19618
BBCS	17:46		CaPeak.c/s=24	dt= 6.1s	
FCS	17:44		Peak3..c/s=400	Step=0"	3840s/pixel
UVSP	17:46		Wavelength=1405A	Rast=12"x12"	Pitch=+265", Yaw=+506"
Exp #=6284					
DOY=197					
80/07/15, 01:30	Start	End times	S14E27	Pitch=+285", Yaw=+415", Roll=0deg	H. Ang=32deg
Optical					
GOES	01:28	01:35	Ha...Class=S8	Mac.=EKI	Carr.Lon.=206deg
HXRBS	01:29:30	01:31:15	Importance=C2		
BBCS	01:30	01:31:15	Peak...c/s=292		
FCS	01:31	01:32	CaPeak.c/s=50		
UVSP	01:32	01:33	Peak3..c/s=388		
Exp #=6306					
80/07/16, 01:30	Start	End times	S14E23	Pitch=+291", Yaw=+362", Roll=0deg	H. Ang=29deg
GOES	08:43	08:50	Qual=03		
HXRBS	08:45:00	08:46:55	Qual=01		
BBCS	08:45	08:47	Qual=1		
FCS	08:46	08:47	CaPeak.c/s=28		
UVSP	08:46	08:47	Peak3..c/s=388		
Radio	08:01	08:46	Wavelength=1549A		
Exp #=6322					
80/07/15, 09:37	Start	End times	S14E22	Pitch=+292", Yaw=+350", Roll=0deg	H. Ang=29deg
GOES	09:35	09:45	Qual=01		
HXRBS	09:37:30	09:39:10	Qual=01		
BBCS	09:34	09:48	Qual=1		
FCS	09:35	09:48	CaPeak.c/s=61		
HXIS	09:36	09:48	Peak3..c/s=388		
UVSP	09:36	09:48	Peak...c/s=115		
Radio	09:36	09:48	Wavelength=1549A		
Exp #=6325					
80/07/15, 09:53	Start	End times	S14E22	Pitch=+292", Yaw=+350", Roll=0deg	H. Ang=29deg
GOES	09:51	09:57	Qual=01		
HXRBS	09:53:00	09:55:20	Qual=01		
BBCS	09:53	09:54	Qual=1		
FCS	09:53	09:56	CaPeak.c/s=37		
UVSP	09:54	09:56	Peak3..c/s=388		
Radio	09:36	09:56	Wavelength=1549A		
Exp #=6325					

Event # = 992									
80/07/15,14:26	Start	DOY=197	Peak	End times	SMM Pointing:	N27E09		Pitch=-366", Yaw=+127", Roll=0deg	H. Ang=24deg
Optical					Ha...Class=SN	N21E01			
GOES 14:25	14:26	14:26	14:31		Importance=C1	Qual=01		Carr. Lon.=229deg	H. Ang=17deg
HXRBS 14:23:02	14:26:57	14:30:22			Peak...c/s=85	Qual=01			
UVSP 14:22					Wavelength=1397A	Code=00		Step=0" Pitch=-438", Yaw=+94"	
					Tot Cts=4255			MaxkeV=127	
					Exp #=6335			Rast=4"x4"	
Event # = 993									
80/07/15,22:49	Start	DOY=197	Peak	End times	SMM Pointing:	S13E20		Pitch=+275", Yaw=+313", Roll=0deg	H. Ang=26deg
Optical					Ha...Class=SB	S15E18		Mac.=EKI	
GOES 22:45	22:49	22:49	22:55		Importance=C4	Qual=01		Carr. Lon.=207deg	H. Ang=26deg
HXRBS 22:47:05	22:47:50	22:50:15			Peak...c/s=166	Qual=01			
BCS 22:47	22:48	22:57			CaPeak.c/s=113	Qual=1		MaxkeV=127	
FCS 22:47	22:47				Peak3...c/s=388			FePeak.c/s=41	XEN=19707
HXIS 22:19	22:47				Peak...c/s=229			Rast=0"x0"	Cad=.26s 0.256s/pixel
UVSP 22:19					Wavelength=1436A	Code=00		Step=10" Pitch=+293", Yaw=+282"	
					Exp #=6355			Rast=50"x50"	
Event # = 20263									
80/07/15,23:02	Start	DOY=197	Peak	End times	SMM Pointing:	S13E20		Pitch=+275", Yaw=+313", Roll=0deg	H. Ang=26deg
Optical					Importance=C2	Qual=01			
GOES 22:58	23:02	23:10			CaPeak.c/s=21	Qual=1		FePeak.c/s=8	XEN=19713
BCS 23:00	23:02	23:03			Peak3...c/s=392			Rast=0"x0"	Step=0" Cad=.26s 0.256s/pixel
FCS 23:02	23:02				Wavelength=1436A	Code=00		Step=10" Pitch=+293", Yaw=+282"	
UVSP 22:19					Exp #=6355			Rast=50"x50"	
Event # = 20744									
80/07/16,00:26	Start	DOY=198	Peak	End times	SMM Pointing:	S13E19		Pitch=+279", Yaw=+302", Roll=0deg	H. Ang=26deg
Optical					Ha...Class=SN	S12E20		Carr. Lon.=204deg	H. Ang=26deg
GOES 00:20	00:26	00:40			Importance=C3	Qual=01			
BCS 00:24	00:26	00:28			CaPeak.c/s=26	Qual=1		FePeak.c/s=8 dt= 6.1s	XEN=19800
UVSP 00:24					Wavelength=1560A	Code=00		Step=0" Pitch=+227", Yaw=+179"	
Event # = 995									
80/07/16,06:39	Start	DOY=198	Peak	End times	SMM Pointing:	S13E15		Pitch=+278", Yaw=+240", Roll=0deg	H. Ang=23deg
GOES 06:35	06:39	06:45			Importance=C3	Qual=01			
HXRBS 06:36:30	06:37:35	06:39:20			Peak...c/s=106	Qual=01		MaxkeV=55	
UVSP 06:18					Wavelength=1436A	Code=00		Rast=50"x50"	Step=10" Pitch=+245", Yaw=+227"
HXRBS 06:33:50	06:34:25	06:35:45			Peak...c/s=57	Associated		MaxkeV=55	
					Event # = 994	Qual=01			
Event # = 996									
80/07/16,14:23	Start	DOY=198	Peak	End times	SMM Pointing:	S13E11		Pitch=+279", Yaw=+171", Roll=0deg	H. Ang=20deg
GOES 14:21	14:23	14:30			Importance=C2	Qual=01			
HXRBS 14:22:32	14:23:25	14:23:52			Peak...c/s=103	Qual=01		MaxkeV=55	
BCS 14:26	14:26	14:26			CaPeak.c/s=19	Qual=1		FePeak.c/s=11	XEN=19801
UVSP 14:17					Wavelength=1397A	Code=00		Rast=4"x4"	Step=0" Pitch=+316", Yaw=+189"
Radio					Frequency(MHz)/Flux(sfu):	410/56 4995/8 8800/16			

Event # = 997		80/07/16, 15:14		DOY=198	SMM Pointing:		S13E11	Pitch=+279", Yaw=+171", Roll=0deg		H. Ang=20deg
Start		End times		Peak	Importance=C3		Qual=02	MaxkeV=127		Flags=SA
GOES		15:10		15:14	Peak...c/s=454		Qual=02	Rast=4"x4"		Step=0"
HXRBS		15:11:00		15:11:17	Wavelength=1397A			Tot Cts=12452		Pitch=+312", Yaw=+200"
UVSP		15:49						Exp #=6391		
Event # = 998		80/07/16, 17:35		DOY=198	SMM Pointing:		S13E09	Pitch=+282", Yaw=+150", Roll=0deg		H. Ang=20deg
Start		End times		Peak	Importance=C2		Qual=01	MaxkeV=55		
GOES		17:32		17:35	Peak...c/s=117		Qual=01	FePeak_c/s=10		#Peaks=1
HXRBS		17:33:06		17:33:17	CaPeak_c/s=19		Qual=1	Rast=16"x16"		Pitch=+309", Yaw=+129"
BCS		17:35		17:35	Wavelength=1302A		Code=00	Exp #=6397		
UVSP		17:28			PA=235deg					
C/P		17:37		Extrap St=07/16, 15:00						
Event # = 999		80/07/16, 17:51		DOY=198	SMM Pointing:		S13E09	Pitch=+282", Yaw=+150", Roll=0deg		H. Ang=20deg
Start		End times		Peak	Peak...c/s=71		Qual=06	MaxkeV=55		
GOES		17:50:46		17:51:04	Wavelength=1302A		Qual=01	Rast=16"x16"		Step=4"
HXRBS		17:52:25						Exp #=6399		Pitch=+309", Yaw=+127"
UVSP		17:46								
Event # = 1000		80/07/16, 19:24		DOY=198	SMM Pointing:		S13E08	Pitch=+282", Yaw=+136", Roll=0deg		H. Ang=19deg
Start		End times		Peak	Peak...c/s=83		Qual=00	MaxkeV=55		
GOES		19:23:46		19:24:10	Wavelength=1302A		Qual=01	Rast=16"x16"		Step=4"
HXRBS		19:22						Exp #=6404		Pitch=+309", Yaw=+109"
UVSP										
Event # = 1001		80/07/17, 01:42		DOY=199	SMM Pointing:		S13E05	Pitch=+282", Yaw=+85", Roll=0deg		H. Ang=18deg
Start		End times		Peak	Ha...Class=SF		S26E34	Mac.=DHI		Carr. Lon.=177deg
Optical					Peak...c/s=70		Qual=00	MaxkeV=55		H. Ang=45deg
GOES		01:41:36		01:42:28	Wavelength=1402A		Qual=01	Rast=40"x40"		Step=4"
HXRBS		01:37						Exp #=6418		Pitch=+318", Yaw=+81"
UVSP										
Event # = 1002		80/07/17, 06:12		DOY=199	SMM Pointing:		S13E02	Pitch=+284", Yaw=+32", Roll=0deg		H. Ang=18deg
Start		End times		Peak	Ha...Class=1B		S12E06	Mac.=EKI		Carr. Lon.=202deg
Optical					Importance=M3		Qual=05	MaxkeV=127		H. Ang=18deg
GOES		05:12		06:12	Peak...c/s=110		Qual=01	FePeak_c/s=215		#Peaks=2
HXRBS		06:10:51		06:15:09	CaPeak_c/s=1107		Qual=1	Rast=0"x0"		dt= 6.1s
BCS		06:11		06:13	Peak...c/s=1784			Exp #=6426		XEN=19900
FCS		06:11			Wavelength=1544A		Code=02	Rast=3"x3"		Cad=.26s
HVIS		06:12			IV/2			Step=0"		Pitch=+278", Yaw=+57"
UVSP					Type/Intensity:					
Radio Sweeps					Frequency(MHz)/Flux(sfu):					
Radio					245/1200 410/330 606/200 1415/300 2695/300 4995/79 8800/67 15400/42					

Event # = 1003									
80/07/17, 07:00	Start	DOY=199	End times	SMM Pointing:	S13E02			Pitch=+284", Yaw=+32", Roll=0deg	H. Ang=18deg
GOES 06:59	07:00	Peak	07:05	Importance=C2	Qual=01				
HXRBS 06:59:32	07:00:16		07:01:14	Peak...c/s=141	Qual=01				
UVSP 06:15				Wavelength=1548A	Code=00	Tot Cts=2408		Step=0"	Pitch=+272", Yaw=+102"
						Exp #=6428			
Event # = 20751									
80/07/17, 07:47	Start	DOY=199	End times	SMM Pointing:	S13E02			Pitch=+284", Yaw=+32", Roll=0deg	H. Ang=18deg
GOES 07:47	07:47	Peak	07:56	CaPeak.c/s=31	Qual=00				
BCS 07:47				Wavelength=1544A	Qual=4	FePeak=07:47			
UVSP 07:46						Exp #=6429			
									XEN=19902 Cad=.26s Pitch=+272", Yaw=+88"
Event # = 1004									
80/07/17, 09:24	Start	DOY=199	End times	SMM Pointing:	S13E01			Pitch=+283", Yaw=+9", Roll=0deg	H. Ang=17deg
GOES 09:23:25	09:24:56	Peak	09:26:27	Peak...c/s=85	Qual=00				
HXRBS 09:23				Wavelength=1544A	Qual=01				
UVSP 09:23						Exp #=6432			
									MaxkeV=127 Rast=3"x3" Flags=AX Step=0" Pitch=+278", Yaw=+29"
Event # = 1005									
80/07/17, 11:05	Start	DOY=199	End times	SMM Pointing:	S13W00			Pitch=+283", Yaw=-6", Roll=0deg	H. Ang=17deg
GOES 11:04:33	11:05:52	Peak	11:07:03	Peak...c/s=86	Qual=00				
HXRBS 11:01				Wavelength=1547A	Qual=01				
UVSP 11:01						Exp #=6437			
									MaxkeV=127 Rast=30"x3" Flags=AX Step=0" Pitch=+293", Yaw=+36"
Event # = 1006									
80/07/17, 13:35	Start	DOY=199	End times	SMM Pointing:	S13W01			Pitch=+285", Yaw=-23", Roll=0deg	H. Ang=18deg
Optical 13:33	13:35	Peak	14:00	Ha...Class=SN	N21W27				
GOES 13:30:55	13:33:26		13:35:22	Importance=C3	Qual=03	AR2559		Mac.=DSI	Carr. Lon.=231deg
HXRBS 12:52				Peak...c/s=74	Qual=01			MaxkeV=55	H. Ang=31deg
UVSP 12:52				Wavelength=2909A		Tot Cts=2394		Rast=3"x3"	
						Exp #=6440		Step=0"	Pitch=+8", Yaw=+136"
Event # = 4287									
80/07/18, 00:21	Start	DOY=200	End times	SMM Pointing:	S13W07			Pitch=+279", Yaw=-119", Roll=0deg	H. Ang=19deg
GOES 00:18	00:21	Peak	00:26	Importance=C1	Qual=01				
HXRBS 00:20:25	00:21:40		00:21:40	Peak...c/s=76	Qual=01				
UVSP 23:54				Wavelength=1400A	Code=00	Exp #=6459		MaxkeV=55	Pitch=+231", Yaw=-198"
								Rast=120"x120"	
								Flags=I	
Event # = 4288									
80/07/18, 02:05	Start	DOY=200	End times	SMM Pointing:	S13W09			Pitch=+284", Yaw=-141", Roll=0deg	H. Ang=20deg
Optical 02:02	02:05	Peak	02:07	Ha...Class=SN	S14W15				
GOES 02:03:30	02:04:15		02:04:40	Importance=C2	Qual=01	AR2562		Mac.=EHI	Carr. Lon.=212deg
HXRBS 01:30				Peak...c/s=76	Qual=01			MaxkeV=55	H. Ang=24deg
UVSP 01:30				Wavelength=1400A	Code=00	Exp #=6463		Rast=120"x120"	
Radio Sweeps				Type/Intensity: 111/2 V/I				Flags=I	Pitch=+271", Yaw=-170"
								Step=3"	

Event # = 1013									
80/07/19,06:57	DOY=201	Start	Peak	SMM Pointing:		S12W27	Pitch=+266",Yaw=-426",Roll=0deg		
GOES		End times							H.Ang=32deg
HXRBS	06:55:10	06:57:10	06:59:25	Peak...c/s=75	Qual=00				
UVSP	06:16			Wavelength=1400A	Qual=01				
						Tot Cts=390			
						Exp #=6520			
Event # = 1014									
80/07/19,07:55	DOY=201	Start	Peak	SMM Pointing:		S12W28	Pitch=+260",Yaw=-436",Roll=0deg		
GOES		End times							H.Ang=32deg
HXRBS	07:54:20	07:55:20	07:56:25	Peak...c/s=70	Qual=00				
UVSP	07:51			Wavelength=1400A	Qual=01				
						Exp #=6524			
Event # = 20752									
80/07/19,17:20	DOY=201	Start	Peak	SMM Pointing:		S12W34	Pitch=+259",Yaw=-512",Roll=0deg		
Optical		End times							H.Ang=37deg
GOES	17:07	17:20	17:36	Ha...Class=1B	S14W13				
BCS	17:17	17:20	17:20	Importance=C4	Qual=04	AR2567			H.Ang=23deg
FCS	17:20			CaPeak.c/s=22	Qual=1				
Radio	Frequency(MHz)/Flux(sfu):			Peak3...c/s=7560		FePeak=17:20			XEN=20102
				2695/14		Rast=0"x0"			Cad=3840s
Event # = 4289									
80/07/20,00:33	DOY=202	Start	Peak	SMM Pointing:		S11W32	Pitch=+247",Yaw=-492",Roll=0deg		
GOES	00:28	00:33	00:55	Importance=C1	Qual=03				H.Ang=36deg
HXRBS	00:29:45	00:31:00	00:32:04	Peak...c/s=119	Qual=01	Tot Cts=1995			
UVSP	23:44			Wavelength=1547A	Code=00	Exp #=6562			
Event # = 1015									
80/07/20,08:18	DOY=202	Start	Peak	SMM Pointing:		S11W36	Pitch=+243",Yaw=-546",Roll=0deg		
Optical		End times							H.Ang=39deg
GOES	08:10	08:18	08:30	Ha...Class=SF	S25E04	AR2570			
HXRBS	08:17:00	08:18:20	08:19:10	Importance=C2	Qual=01				H.Ang=30deg
UVSP	08:12			Peak...c/s=356	Qual=01	Tot Cts=11694			
Radio	Frequency(MHz)/Flux(sfu):			Wavelength=1549A	Code=00	Exp #=6581			
				1415/30 2695/32 4995/27 8800/35					
Event # = 1016									
80/07/20,09:15	DOY=202	Start	Peak	SMM Pointing:		S11W36	Pitch=+243",Yaw=-546",Roll=0deg		
GOES		End times							H.Ang=39deg
HXRBS	09:14:45	09:15:58	09:19:05	Peak...c/s=94	Qual=00				
UVSP	09:16			Wavelength=1546A	Qual=01	Tot Cts=4985			
						Exp #=6582			
Event # = 1017									
80/07/20,12:22	DOY=202	Start	Peak	SMM Pointing:		S11W38	Pitch=+241",Yaw=-574",Roll=0deg		
Optical		End times							H.Ang=41deg
GOES	12:16	12:22	12:26	Ha...Class=1B	S30W06	AR2570			
HXRBS	12:29:41	12:33:58	12:38:01	Importance=C5	Qual=05				H.Ang=35deg
UVSP	12:29			Peak...c/s=72	Qual=01	Tot Cts=3797			
Radio	Frequency(MHz)/Flux(sfu):			Wavelength=1546A	Code=02	Exp #=6589			
				245/430 410/49 2695/12 4995/10					

Event # = 1018 80/07/20, 19:27 Start	DOY=202 Peak	End times	SMM Pointing:	S11W43	Pitch=+239", Yaw=-630", Roll=0deg	H. Ang=45deg
Optical			Ha...Class=1B	S19W45	Mac.=EHI	H. Ang=50deg
GOES 19:21	19:27	19:45	Importance=M1	Qual=03	AR2562	
HXRBS 19:22:43	19:25:08	19:29:40	Peak...c/s=2624	Qual=01	Tot Cts=1.04E+5	MaxkeV=263
BCS 19:24	19:26	19:29	CaPeak.c/s=404	Qual=1	FePeak=19:26	dt= 6.1s XEN=20200
FCS 19:28	19:28		Peak3...c/s=42		Rast=180"x180"	Step=10" Cad= 664s 2.048s/pixel
HXIS 19:23	19:23		Peak...c/s=709		Rast=40"x40"	Step=4" Pitch=+292", Yaw=-650"
UVSP 19:24			Wavelength=1402A	Code=00	Exp #=6605	
Event # = 1019 80/07/20, 22:37 Start	DOY=202 Peak	End times	SMM Pointing:	S11W44	Pitch=+237", Yaw=-650", Roll=0deg	H. Ang=47deg
Optical			Ha...Class=SF	S21E12	Mac.=DA0	H. Ang=28deg
GOES 22:36	22:37	22:38	Importance=C1	Qual=01	AR2579	
HXRBS 22:37:20	22:37:36	22:37:49	Peak...c/s=162	Qual=01	MaxkeV=127	Pitch=+207", Yaw=-772"
UVSP 22:17			Wavelength=1402A	Code=00	Rast=40"x40"	Step=4"
Radio Sweeps	Type/Intensity:		V/2	Tot Cts=819		
Radio Frequency (MHz)/Flux(sfu):	245/940			Exp #=6611		
Event # = 1020 80/07/21, 00:32 Start	DOY=203 Peak	End times	SMM Pointing:	S11W45	Pitch=+236", Yaw=-662", Roll=0deg	H. Ang=48deg
Optical			Ha...Class=SB	S19E03	Mac.=DKI	H. Ang=24deg
GOES 00:30	00:32	00:40	Importance=C2	Qual=01	AR2579	
HXRBS 00:32:34	00:32:47	00:33:10	Peak...c/s=74	Qual=01	MaxkeV=55	Pitch=+284", Yaw=-663"
UVSP 23:52			Wavelength=1402A	Code=00	Rast=40"x40"	Step=4"
Event # = 1021 80/07/21, 01:36 Start	DOY=203 Peak	End times	SMM Pointing:	S11W46	Pitch=+235", Yaw=-671", Roll=0deg	H. Ang=49deg
Optical			Ha...Class=1B	S14W60	Mac.=CK0	H. Ang=62deg
GOES 01:36:10	01:36:19	01:36:38	Importance=M8	Qual=04	AR2562	
HXRBS 01:36:10	01:36:19	01:36:38	Peak...c/s=12443	Qual=01	Tot Cts=7.99E+5	MaxkeV=492
UVSP 01:30			Max.E..MeV= 1.0	Qual=1	Nuclear.Line=N	Flags=M
			CaPeak.c/s=2507	Qual=1	FePeak=02:59	#Peaks=1
			Peak3...c/s=916	Code=00	Rast=0"x0"	Cad=30.7s 30.72s/pixel
			Wavelength=1349A	Exp #=6620	Rast=240"x240"	Step=10" Pitch=+191", Yaw=-739"
			PA=255deg	Bright blob or mound		
			IV/1			
Radio Sweeps	Type/Intensity:		245/480	410/300	606/94	1415/300
Radio Frequency (MHz)/Flux(sfu):	245/480	410/300	606/94	1415/300	2695/170	4995/260 8800/970 15400/1100

Event # = 1028		DOY=205		SMM Pointing:		S11W73		Pitch=+198", Yaw=-888", Roll=0deg		H. Ang=74deg	
80/07/23,03:09	Start	Peak	End times	Ha...Class=SF	Importance=C7	Qual=01	AR2575	Mac.=DAO	Carr. Lon.=202deg	H. Ang=75deg	
Optical				Peak...c/s=200	Wavelength=1349A	Code=00		MaxkeV=127	Step=10"	Pitch=+134", Yaw=-941"	
GOES	03:03	03:09	03:17				Tot Cts=4720	Rast=240"x240"			
HXRBS	03:03:20	03:04:25	03:05:20				Exp #=6832				
UVSP	03:04										
Event # = 1029		DOY=205		SMM Pointing:		S11W75		Pitch=+203", Yaw=-898", Roll=0deg		H. Ang=77deg	
80/07/23,06:27	Start	Peak	End times	Importance=C4	Peak...c/s=72	Qual=01		MaxkeV=55	Step=10"	Pitch=+131", Yaw=-949"	
GOES	06:17	06:27	06:37				Exp #=6852	Rast=240"x240"			
HXRBS	06:20:10	06:21:50	06:22:25								
UVSP	06:15										
Event # = 1030		DOY=205		SMM Pointing:		S11W76		Pitch=+198", Yaw=-900", Roll=0deg		H. Ang=77deg	
80/07/23,07:42	Start	Peak	End times	Peak...c/s=71	Wavelength=1549A	Qual=00		MaxkeV=127	Step=3"	Pitch=+134", Yaw=-956"	
GOES	07:41:45	07:42:20	07:43:45				Exp #=6861	Rast=240"x240"			
HXRBS	07:40										
UVSP											
Event # = 1031		DOY=205		SMM Pointing:		N05W00		Pitch=+4", Yaw=-5", Roll=0deg		H. Ang=0deg	
80/07/23,10:11	Start	Peak	End times	Importance=C3	Peak...c/s=247	Qual=01		MaxkeV=127	Step=3"	Pitch=-37", Yaw=+2"	
GOES	10:08	10:11	10:14				Tot Cts=3558	Rast=120"x120"			
HXRBS	10:10:15	10:10:45	10:11:10				Exp #=6867				
UVSP	09:55										
Event # = 20363		DOY=205		SMM Pointing:		S11W80		Pitch=+195", Yaw=-914", Roll=0deg		H. Ang=81deg	
80/07/23,13:11	Start	Peak	End times	CaPeak.c/s=20	Peak3...c/s=14	Qual=00		FePeak.c/s=12	#Peaks=1	XEN=20500	
GOES	13:11	13:11	13:12				FePeak=13:11	Rast=240"x240"	Step=15"	Cad= 524s	
BGS	13:11	13:12					Exp #=6872	Rast=3"x3"	Step=0"	Pitch=+79", Yaw=-846"	
FCS	14:06										
UVSP											
Event # = 20364		DOY=205		SMM Pointing:		S19E10		Pitch=+259", Yaw=-915", Roll=0deg		H. Ang=26deg	
80/07/23,14:52	Start	Peak	End times	Ha...Class=SN	Importance=C2	Qual=04	AR2579	Carr. Lon.=114deg			
Optical				Peak...c/s=255	Wavelength=3198A	Code=00		FePeak.c/s=13	#Peaks=1	XEN=20501	
GOES	14:48	14:52	14:55				FePeak=14:51	Rast=240"x240"	Step=15"	Cad= 262s	
BGS	14:51	14:52	14:54				Exp #=6876	Rast=180"x1"	Step=0"	Pitch=+198", Yaw=-921"	
FCS	14:54										
UVSP	14:49										
Event # = 1032		DOY=205		SMM Pointing:		S24W43		Pitch=+259", Yaw=-915", Roll=0deg		H. Ang=51deg	
80/07/23,16:45	Start	Peak	End times	Ha...Class=SN	Importance=C2	Qual=02	AR2570	Mac.=DKI	Carr. Lon.=166deg		
Optical				Peak...c/s=76	Wavelength=3198A	Code=01		MaxkeV=55	Step=0"	Pitch=+198", Yaw=-921"	
GOES	16:35	16:45	16:55				Exp #=6881	Rast=180"x1"			
HXRBS	16:35:40	16:35:55	16:36:20								
UVSP	16:27										

Event # = 1033		DOY=205		SMM Pointing:		Pitch=+260", Yaw=-913", Roll=0deg	
80/07/23	21:48	Start	Peak	End times			
Optical							
GOES	21:40	21:48	22:00		Ha...Class=SF	S30W80	AR2584
HXRBS	21:56:45	21:57:45	21:58:30		Importance=C2	Qual=05	
UVSP	21:58				Peak...c/s=110	Qual=01	Tot Cts=1907
					Wavelength=1347A		Exp #=6900
Event # = 1034		DOY=205		SMM Pointing:		Pitch=+258", Yaw=-910", Roll=0deg	
80/07/23	22:15	Start	Peak	End times			
Optical							
GOES	22:10	22:15	22:23		Ha...Class=SF	S16W87	AR2579
HXRBS	22:10:35	22:12:00	22:15:00		Importance=C5	Qual=01	
BCS	22:10	22:15	22:27		Peak...c/s=74	Qual=01	Tot Cts=1061
FCS					CaPeak.c/s=60	Qual= 1	FePeak=22:15
UVSP	22:14	22:10			Peak3...c/s=40		
					Wavelength=1346A	Code=00	Exp #=6903
Event # = 1035		DOY=206		SMM Pointing:		Pitch=+258", Yaw=-910", Roll=0deg	
80/07/24	00:05	Start	Peak	End times			
Optical							
Optical					Ha...Class=SN	S20W36	AR2571
GOES	00:00	00:05	00:15		Ha...Class=SF	N15E54	AR2586
HXRBS	00:01:05	00:01:20	00:04:10		Importance=C3	Qual=01	
BCS	00:01	00:05	00:12		Peak...c/s=70	Qual=01	
HXIS					CaPeak.c/s=67	Qual= 1	FePeak=00:05
UVSP	00:05	00:05			Peak...c/s=109		
					Wavelength=1346A	Code=02	Exp #=6913
Event # = 1036		DOY=206		SMM Pointing:		Pitch=+261", Yaw=-915", Roll=0deg	
80/07/24	03:04	Start	Peak	End times			
Optical							
Optical					Ha...Class=SN	N17W17	AR2576
GOES	03:01	03:04	03:07		Importance=C2	Qual=01	
HXRBS	03:03:10	03:03:35	03:03:50		Peak...c/s=84	Qual=01	
UVSP	02:49				Wavelength=1549A	Code=00	Exp #=6930
Radio					Frequency(MHz)/Flux(sfu):	410/1300 606/22 1415/16	
Event # = 1037		DOY=206		SMM Pointing:		Pitch=+387", Yaw=+27", Roll=0deg	
80/07/24	06:48	Start	Peak	End times			
Optical							
GOES	06:48:30	06:48:50	06:49:05		Peak...c/s=83	Qual=00	
HXRBS	06:48:30	06:48:50	06:49:05		Wavelength=1550A	Qual=01	
UVSP	06:02						Exp #=6937
Event # = 1038		DOY=206		SMM Pointing:		Pitch=+389", Yaw=-8", Roll=0deg	
80/07/24	09:18	Start	Peak	End times			
Optical							
GOES	08:55	09:18	09:44		Ha...Class=SB	S21W03	AR2579
HXRBS	09:08:30	09:09:05	09:09:30		Importance=C6	Qual=04	
BCS	09:07	09:15	09:55		Peak...c/s=228	Qual=01	Tot Cts=2216
FCS					CaPeak.c/s=74	Qual= 6	FePeak=09:12
HXIS					Peak3...c/s=314		
UVSP	09:13	09:07			Peak...c/s=120		
					Wavelength=1550A	Code=00	Exp #=6945
Event # = 1039		DOY=206		SMM Pointing:		Pitch=+387", Yaw=+27", Roll=0deg	
80/07/24	09:18	Start	Peak	End times			
Optical							
GOES	08:55	09:18	09:44		Ha...Class=SB	S21W03	AR2579
HXRBS	09:08:30	09:09:05	09:09:30		Importance=C6	Qual=04	
BCS	09:07	09:15	09:55		Peak...c/s=228	Qual=01	Tot Cts=2216
FCS					CaPeak.c/s=74	Qual= 6	FePeak=09:12
HXIS					Peak3...c/s=314		
UVSP	09:13	09:07			Peak...c/s=120		
					Wavelength=1550A	Code=00	Exp #=6945

Event # = 1039 80/07/24, 11:43 Start GOES 11:39 11:43 HXRBS 11:38:55 11:39:10 11:42:50 UVSP 11:28	DOY=206 Peak 11:43	SMM Pointing: Importance=C2 Peak...c/s=93 Wavelength=1550A	S19W01 Qual=02 Qual=01 Code=00	Tot Cts=1840 Exp #=6953	Pitch=+387", Yaw=-21", Roll=0deg MaxkeV=55 Rast=30"x6" Step=3" Pitch=+409", Yaw=-2"	H.Ang=24deg
Event # = 1040 80/07/25, 15:51 Start Optical GOES 15:37 15:51 HXRBS 15:38:25 15:41:10 15:44:25 UVSP 15:44 Radio Frequency(MHz)/Flux(sfu): 245/270	DOY=207 Peak 15:51	SMM Pointing: Ha...Class=SF Importance=C5 Peak...c/s=90 Wavelength=1301A 245/270	N05W00 S29W73 Qual=03 Qual=01 Code=00	AR2570 Tot Cts=3830 Exp #=7021	Pitch=+3", Yaw=+5", Roll=0deg Carr. Lon.=170deg MaxkeV=55 Rast=120"x120" Step=3" Pitch=+7", Yaw=-82"	H.Ang=0deg H.Ang=78deg
Event # = 1041 80/07/25, 21:00 Start GOES 20:55 21:00 HXRBS 20:57:31 20:58:10 20:59:37 UVSP 21:02	DOY=207 Peak 21:00	SMM Pointing: Importance=C3 Peak...c/s=91 Wavelength=1397A	S19W28 Qual=02 Qual=03 Code=02	Exp #=7039	Pitch=+385", Yaw=-414", Roll=0deg MaxkeV=55 Rast=4"x4" Step=0" Pitch=+344", Yaw=-469"	H.Ang=37deg
Event # = 1042 80/07/26, 01:20 Start Optical GOES 01:14 01:20 HXRBS 01:16:18 01:19:42 01:23:31 UVSP 01:19	DOY=208 Peak 01:20	SMM Pointing: Ha...Class=IN Importance=C6 Peak...c/s=189 Wavelength=1402A	N11W08 S05E51 Qual=04 Qual=01 Code=00	AR2588 Tot Cts=57065 Exp #=7050	Pitch=-95", Yaw=-126", Roll=0deg Mac.=DAO MaxkeV=128 Rast=28"x28" Step=4" Pitch=-96", Yaw=-123"	H.Ang=10deg H.Ang=52deg
Event # = 1043 80/07/26, 01:52 Start GOES 01:52:29 01:52:45 01:53:00 HXRBS 01:52:29 01:52:45 01:53:00 UVSP 01:19	DOY=208 Peak 01:52:45	SMM Pointing: Peak...c/s=123 Wavelength=1402A	N11W09 Qual=00 Qual=01 Code=00	Tot Cts=639 Exp #=7050	Pitch=-94", Yaw=-147", Roll=0deg MaxkeV=55 Rast=28"x28" Step=4" Pitch=-96", Yaw=-123"	H.Ang=11deg
Event # = 1044 80/07/26, 11:36 Start GOES 11:34 11:36 HXRBS 11:36:08 11:36:40 11:37:43 UVSP 11:22	DOY=208 Peak 11:36	SMM Pointing: Importance=C1 Peak...c/s=65 Wavelength=1553A	N11W15 Qual=01 Qual=01 Code=00	Exp #=7074	Pitch=-96", Yaw=-236", Roll=0deg MaxkeV=55 Rast=81"x41" Step=2" Pitch=-162", Yaw=-271"	H.Ang=16deg
Event # = 1045 80/07/26, 13:09 Start Optical GOES 13:06 13:09 HXRBS 13:06:33 13:07:25 13:09:31 UVSP 13:03	DOY=208 Peak 13:09	SMM Pointing: Ha...Class=SN Importance=C4 Peak...c/s=94 Wavelength=1553A	N11W16 N17E64 Qual=01 Qual=01 Code=00	AR2591 Exp #=7076	Pitch=-93", Yaw=-253", Roll=0deg Mac.=DAO MaxkeV=55 Rast=81"x41" Step=2" Pitch=-162", Yaw=-286"	H.Ang=17deg H.Ang=64deg

Event # = 1046									
80/07/26,17:35	DOY=208	End times	SMM Pointing:	N11W18				Pitch=-95", Yaw=-292", Roll=0deg	H.Ang=19deg
Optical	Peak								
GOES 17:30	17:35	17:40	Ha...Class=1B	S05E51	AR2588			Mac.=DAO	Carr.Lon.=32deg
HXRBS 17:31:17	17:32:04	17:33:43	Importance=C3	Qual=03				MaxkeV=55	H.Ang=52deg
UVSP 17:07			Peak...c/s=88	Qual=01	Exp #=7081			Rast=120"x120"	Pitch=-94", Yaw=-252"
			Wavelength=1349A	Code=01					
Event # = 1047									
80/07/26,23:28	DOY=208	End times	SMM Pointing:	N25E88				Pitch=-398", Yaw=+856", Roll=0deg	H.Ang=86deg
Optical	Peak								
GOES 23:28:16	23:28:50	23:28:59	Peak...c/s=89	Qual=06				MaxkeV=128	
HXRBS 23:33			Wave length=1397A	Qual=01	Exp #=7085			Rast=4"x4"	Pitch=-98", Yaw=-282"
Event # = 1048									
80/07/26,23:52	DOY=208	End times	SMM Pointing:	N11W21				Pitch=-98", Yaw=-340", Roll=0deg	H.Ang=22deg
Optical	Peak								
GOES 23:49	23:52	00:03	Ha...Class=1B	S20W90	AR2571			Mac.=CHO	Carr.Lon.=169deg
HXRBS 23:51:22	23:52:19	23:52:52	Importance=C1	Qual=01				MaxkeV=128	H.Ang=92deg
UVSP 23:46			Peak...c/s=78	Qual=01	Exp #=7087			Rast=12"x12"	Pitch=-88", Yaw=-336"
			Wavelength=1402A	Code=00					
80/07/27 DOY=209									
Event # = 1049									
80/07/27,06:44	DOY=209	End times	SMM Pointing:	N11W25				Pitch=-98", Yaw=-397", Roll=0deg	H.Ang=26deg
Optical	Peak								
GOES 06:39	06:44	06:49	Ha...Class=SN	S11E41	AR2588			Mac.=CHO	Carr.Lon.=34deg
HXRBS 06:41:07	06:42:12	06:42:37	Importance=C4	Qual=01				MaxkeV=56	H.Ang=44deg
UVSP 06:10			Peak...c/s=75	Qual=01	Exp #=7101			Rast=60"x60"	Pitch=-90", Yaw=-362"
			Wavelength=1549A	Code=00					
Event # = 1050									
80/07/27,10:00	DOY=209	End times	SMM Pointing:	N11W27				Pitch=-99", Yaw=-425", Roll=0deg	H.Ang=27deg
Optical	Peak								
GOES 09:59:35	10:00:41	10:01:45	Peak...c/s=59	Qual=06				MaxkeV=56	
HXRBS 09:47			Wave length=1402A	Qual=01	Exp #=7109			Rast=12"x12"	Pitch=-65", Yaw=-419"
Event # = 1051									
80/07/27,10:50	DOY=209	End times	SMM Pointing:	N11W28				Pitch=-100", Yaw=-437", Roll=0deg	H.Ang=28deg
Optical	Peak								
GOES 10:00	10:50	11:30	Importance=C3	Qual=02				MaxkeV=56	
HXRBS 10:45:15	10:45:52	10:46:55	Peak...c/s=68	Qual=03	Exp #=7110			Rast=4"x4"	Flags=ES
UVSP 11:15			Wave length=1397A					Step=0"	Pitch=-65", Yaw=-431"
Event # = 1052									
80/07/27,12:25	DOY=209	End times	SMM Pointing:	N11W29				Pitch=-100", Yaw=-449", Roll=0deg	H.Ang=29deg
Optical	Peak								
GOES 12:20	12:25	12:31	Importance=C4	Qual=01				MaxkeV=263	
HXRBS 12:22:24	12:22:54	12:23:14	Peak...c/s=288	Qual=01	Tot Cts=3462			Rast=4"x4"	Pitch=-78", Yaw=-445"
UVSP 12:55			Wave length=1397A		Exp #=7113			Step=0"	

Event # = 1053 80/07/27, 20:42 Start GOES 20:35 HXRBS 20:41:35 UVSP 20:22	DOY=209 Peak 20:42 20:42:05	SMM Pointing: End times 20:48 20:43:30	N20E89 Qual=01 Qual=01 Code=00	Exp #=7123	Pitch=-322", Yaw=+889", Roll=0deg MaxkeV=56 Rast=120"x120" Step=3" Pitch=-327", Yaw=+897"	H.Ang=87deg
Event # = 1054 80/07/28, 04:44 Start GOES 04:37:40 HXRBS 04:35	DOY=210 Peak 04:44:40	SMM Pointing: End times 04:50:05	S10E27 Qual=00 Qual=01	Tot Cts=2261 Exp #=7144	Pitch=+245", Yaw=+425", Roll=0deg MaxkeV=56 Rast=18"x90" Step=3" Pitch=+203", Yaw=+312"	H.Ang=31deg
Event # = 20684 80/07/29, 05:07 Start GOES 04:34 UVSP 05:07	DOY=211 Peak 05:07	SMM Pointing: End times PA=275deg	S10E14 Qual=00 Irregular bright region	Exp #=7188	Pitch=+252", Yaw=+225", Roll=0deg Rast=18"x90" Step=3" Pitch=+210", Yaw=+108"	H.Ang=21deg
Event # = 20366 80/08/05, 19:40 Start Optical 18:30 GOES 19:59 UVSP 19:59	DOY=218 Peak 19:40	SMM Pointing: End times Code=EPL Importance=C1 Wavelength=1800A PA=75deg	N06W00 N25E90 Qual=03 Loop broader at greater heights	AR2607 Exp #=7500	Pitch=+5", Yaw=+2", Roll=0deg Carr.Lon.=219deg Step=0" Pitch=+4", Yaw=+36"	H.Ang=0deg H.Ang=87deg
Event # = 4332 80/08/06, 00:03 Start GOES 00:02:55 HXRBS 23:19	DOY=219 Peak 00:03:45	SMM Pointing: End times Peak...c/s=63 Wavelength=1803A	N06W00 Qual=00 Qual=01	Exp #=7508	Pitch=+5", Yaw=+2", Roll=0deg MaxkeV=56 Rast=120"x15" Step=3" Pitch=+4", Yaw=+36"	H.Ang=0deg
Event # = 4335 80/08/06, 05:54 Start Optical 05:48 GOES 05:49:30 HXRBS 05:52 BCS 05:52 FCS 05:35	DOY=219 Peak 05:54 05:52:15 05:53 05:55	SMM Pointing: End times Ha...Class=SN Importance=C2 Peak...c/s=89 CaPeak.c/s=71 Peak3...c/s=16 Wavelength=1379A	N00W86 N10W79 Qual=01 Qual=01 Qual=1	AR2593 FePeak=05:53 Exp #=7513	Pitch=+0", Yaw=-945", Roll=0deg Mac.=HSX Carr.Lon.=23deg MaxkeV=56 FePeak.c/s=22 Rast=0"x0" Step=0" Pitch=+3", Yaw=-922"	H.Ang=86deg H.Ang=78deg XEN=21900 3840s/pixel
Event # = 12676 80/08/06, 22:03 Start HXRBS 22:03:28 UVSP 21:50	DOY=219 Peak 22:03:29	SMM Pointing: End times Peak...c/s=46 Wavelength=1349A	S22W84 Qual=01	Tot Cts=12 Exp #=7535	Pitch=+367", Yaw=-872", Roll=0deg Rast=240"x240" Step=10" Pitch=+318", Yaw=-895"	H.Ang=86deg

Event # = 20753									
80/08/10,23:06	Start	DOY=223	Peak	End times	SMM Pointing:	S26E52	Pitch=-675", Yaw=+470", Roll=-90deg	H. Ang=60deg	
GOES	23:06	23:06	23:07		Qual=00				
BCS	23:06	23:06	23:07		CaPeak.c/s=19	Qual=1	FePeak.c/s=9	#Peaks=1	XEN=22302
FCS	23:06	23:06	23:07		Peak3..c/s=13		Rast=420"x420"	Step=10"	Cad=1806s
UVSP	23:04				Wavelength=1549A	Exp #=7765	Rast=240"x240"	Step=3"	Pitch=-749", Yaw=+425"
Event # = 1063									
80/08/10,23:46	Start	DOY=223	Peak	End times	SMM Pointing:	S26E52	Pitch=-675", Yaw=+470", Roll=-90deg	H. Ang=60deg	
GOES	23:44	23:46	23:50		Importance=C1	Qual=01			
HXRBS	23:42:02	23:46:22	23:47:47		Peak...c/s=96	Qual=01	Tot Cts=4325		
UVSP	23:12				Wavelength=1549A	Code=00	Exp #=7766		
Radio	Frequency(MHz)/Flux(sfu):	245/410	410/98	606/470	1415/680				
80/08/11 DOY=224									
Event # = 1064									
80/08/11,01:09	Start	DOY=224	Peak	End times	SMM Pointing:	N11W23	Pitch=+362", Yaw=-84", Roll=-90deg	H. Ang=23deg	
Optical					Ha...Class=1N	S27E73	Mac.=CS0	Carr.Lon.=167deg	H. Ang=78deg
GOES	00:54	01:09	02:00		Importance=M2	Qual=03			
HXRBS	00:51:20	01:02:27	01:02:27		Peak...c/s=772	Qual=01	Tot Cts=77856	MaxkeV=495	
UVSP	00:40				Wavelength=1549A	Code=00	Exp #=7768	Rast=90"x30"	Step=3"
C/P	01:11	Extrap	St=08/11,01:00		PA=143deg				Pitch=+367", Yaw=-48"
Radio	Sweeps	Type/Intensity:	11/2	IV/1	Structure detected is clearly prominence material				
Radio	Frequency(MHz)/Flux(sfu):	245/320	410/140	606/62	1415/50	2695/57	4995/31	8800/24	15400/21
Event # = 1065									
80/08/11,10:38	Start	DOY=224	Peak	End times	SMM Pointing:	N11W28	Pitch=-89", Yaw=-442", Roll=0deg	H. Ang=28deg	
GOES	10:33	10:38	10:44		Importance=C1	Qual=01			
HXRBS	10:34:16	10:34:55	10:37:59		Peak...c/s=202	Qual=01	Tot Cts=3326	MaxkeV=128	
UVSP	10:37				Wavelength=1549A	Code=00	Exp #=7784	Rast=240"x240"	Step=3"
Event # = 1066									
80/08/11,10:53	Start	DOY=224	Peak	End times	SMM Pointing:	N11W28	Pitch=-89", Yaw=-442", Roll=0deg	H. Ang=28deg	
GOES	10:49	10:53	11:22		Importance=C1	Qual=01			
HXRBS	10:49:40	10:52:20	11:02:09		Peak...c/s=300	Qual=01	Tot Cts=15999	MaxkeV=128	
UVSP	10:45				Wavelength=1549A	Code=00	Exp #=7785	Rast=90"x90"	Step=3"
Event # = 20688									
80/08/11,16:49	Start	DOY=224	Peak	End times	SMM Pointing:	N11W32	Pitch=-92", Yaw=-491", Roll=0deg	H. Ang=32deg	
GOES	16:48				Wavelength=1547A	Qual=00			
UVSP	16:49				PA=218deg		Exp #=7799	Rast=39"x39"	Step=3"
C/P								Pitch=-104", Yaw=-431"	
Event # = 1067									
80/08/11,21:21	Start	DOY=224	Peak	End times	SMM Pointing:	N11W34	Pitch=-95", Yaw=-527", Roll=0deg	H. Ang=34deg	
GOES	21:19:00	21:21:24	21:23:40		Peak...c/s=155	Qual=01	Tot Cts=12336	MaxkeV=128	
HXRBS	21:21				Wavelength=1546A		Exp #=7808	Rast=3"x3"	
UVSP								Step=0"	Pitch=-91", Yaw=-554"

80/08/12		DOY=225		80/08/12		DOY=225	
Event # = 1068							
80/08/12,06:17	Start	DOY=225	Peak	S27E81	SMM Pointing:		Pitch=+441",Yaw=+836",Roll=0deg
Optical					Ha...Class=SB		
Optical					Ha...Class=SF		
GOES	05:50	06:17	06:53	S28E58	Importance=C5		
HXRBS	06:04:01	06:05:17	06:08:01	N13E71	Qual=01		
BCS	05:54	06:12	06:17		Peak...c/s=128		
FCS		06:17			CaPeak.c/s=102		
UVSP	05:38				Peak3...c/s=195		
C/P	07:02				Wave length=1549A		
Radio					PA=104deg		
					Irregular structure, poss. loop like		
					11/1		
					245/27 2695/12 4995/5		
Event # = 12677							
80/08/12,18:55	Start	DOY=225	Peak	S16E82	SMM Pointing:		Pitch=+277",Yaw=+902",Roll=0deg
HXRBS	18:55:44	18:55:45	18:55:48		Peak...c/s=35		
UVSP	18:50				Qual=01		
					Wave length=1371A		
					Exp #=7880		
Event # = 1069							
80/08/12,21:37	Start	DOY=225	Peak	S16E82	SMM Pointing:		Pitch=+277",Yaw=+902",Roll=0deg
GOES	21:35	21:37	21:40		Importance=C1		
HXRBS	21:36:18	21:37:49	21:38:48		Qual=01		
UVSP	21:34				Peak...c/s=65		
					Wave length=1349A		
					Code=00		
					Exp #=7891		
Event # = 20689							
80/08/13,00:36	Start	DOY=226	Peak	S16E82	SMM Pointing:		Pitch=+277",Yaw=+902",Roll=0deg
GOES	00:31				Qual=00		
UVSP	00:36				Wave length=1349A		
C/P					PA=55deg		
					Exp #=7907		
Event # = 1070							
80/08/13,01:13	Start	DOY=226	Peak	S16E82	SMM Pointing:		Pitch=+277",Yaw=+902",Roll=0deg
GOES	01:10	01:13	01:22		Importance=C1		
HXRBS	01:12:02	01:13:14	01:14:02		Qual=01		
UVSP	01:01				Peak...c/s=60		
					Wave length=1349A		
					Code=00		
					Exp #=7911		
Event # = 1071							
80/08/13,13:07	Start	DOY=226	Peak	S16E83	SMM Pointing:		Pitch=+275",Yaw=+905",Roll=0deg
Optical					Ha...Class=2B		
GOES	12:46	13:07	13:52	S28E45	Importance=M3		
HXRBS	13:14:52	13:15:08	13:21:32		Qual=05		
UVSP	13:16				Peak...c/s=96		
C/P	13:21	Extrap	St=08/13,12:50		Wave length=1392A		
Radio					PA=129deg		
					245/81000 410/880 606/1300 1415/450 2695/1000 4995/1500 8800/1600 15400/800		

Event # = 1072									
80/08/13,17:00	Start	DOY=226	Peak	End times	SMM Pointing:	S16E83		Pitch=+275", Yaw=+905", Roll=0deg	H. Ang=85deg
Optical					Ha...Class=SF				
GOES	16:56	17:00		17:05	Importance=C1	S14E72	AR2624	Mac.=HRX	H. Ang=74deg
HXRBS	16:58:00	16:59:10	17:00:20		Peak...c/s=69	Qual=01		MaxkeV=128	
BCS	16:58	17:00	17:04		CaPeak.c/s=54	Qual=1		FePeak.c/s=21	#Peaks=1 dt= 3.0s XEN=22600
FCS		17:02			Peak3...c/s=400			Rast=0"x0"	Step=0" Cad=30.7s 30.7zs/pixel
UVSP	16:59				Wavelength=1371A	Code=00	Exp #=7962	Rast=180"x180"	Pitch=+255", Yaw=+90g"
Event # = 1073									
80/08/13,21:23	Start	DOY=226	Peak	End times	SMM Pointing:	S16E84		Pitch=+275", Yaw=+906", Roll=0deg	H. Ang=86deg
Optical					Ha...Class=SF			Mac.=DSI	H. Ang=19deg
GOES	21:20	21:23	21:28		Importance=C2	N09E19	AR2615		
HXRBS	21:21:25	21:22:55	21:23:15		Peak...c/s=56	Qual=04		MaxkeV=56	
BCS	21:23	21:25	21:27		CaPeak.c/s=30	Qual=1		FePeak.c/s=6	#Peaks=1 dt= 3.0s XEN=22602
FCS		21:26			Peak3...c/s=361			Rast=0"x0"	Step=0" Cad=30.7s 30.7zs/pixel
UVSP	21:20				Wavelength=1371A	Code=00	Exp #=7994	Rast=180"x180"	Pitch=+255", Yaw=+90g"
80/08/14 DOY=227									
Event # = 1074									
80/08/14,12:18	Start	DOY=227	Peak	End times	SMM Pointing:	S16E83		Pitch=+275", Yaw=+905", Roll=0deg	H. Ang=85deg
Optical					Ha...Class=SF			Mac.=HSX	H. Ang=52deg
GOES	12:15	12:18	12:23		Importance=C1	S25E42	AR2621		
HXRBS	12:17:00	12:17:35	12:17:55		Peak...c/s=68	Qual=01		MaxkeV=56	
UVSP	12:00				Wavelength=1482A	Code=00	Exp #=8052	Rast=180"x1"	Step=0" Pitch=+85", Yaw=+822"
Event # = 4364									
80/08/14,23:12	Start	DOY=227	Peak	End times	SMM Pointing:	S15E73		Pitch=+275", Yaw=+877", Roll=0deg	H. Ang=76deg
Optical					Ha...Class=SN			Mac.=DAO	H. Ang=41deg
GOES	23:09	23:12	23:17		Importance=C1	S28E22	AR2618		
HXRBS	23:11:40	23:12:10	23:12:47		Peak...c/s=204	Qual=01		MaxkeV=104	Flags=I
UVSP	23:07				Wavelength=1371A	Code=00	Tot Cts=2154 Exp #=8117	Rast=180"x180"	Step=10" Pitch=+255", Yaw=+880"
80/08/15 DOY=228									
Event # = 1075									
80/08/15,01:20	Start	DOY=228	Peak	End times	SMM Pointing:	S15E73		Pitch=+275", Yaw=+877", Roll=0deg	H. Ang=76deg
Optical					Ha...Class=SN			Mac.=EAO	H. Ang=38deg
GOES	01:11	01:20	01:45		Importance=C1	S25E22	AR2618		
HXRBS	01:17:53	01:18:13	01:18:58		Peak...c/s=92	Qual=01		MaxkeV=56	Flags=ND
UVSP	01:08				Wavelength=1371A	Code=00	Exp #=8133	Rast=180"x180"	Step=10" Pitch=+255", Yaw=+881"
Event # = 1076									
80/08/15,02:18	Start	DOY=228	Peak	End times	SMM Pointing:	S15E73		Pitch=+275", Yaw=+877", Roll=0deg	H. Ang=76deg
Optical					Ha...Class=SF			Mac.=HRX	H. Ang=60deg
GOES					Peak...c/s=129	S13E57	AR2622		
HXRBS	02:16:11	02:18:07	02:18:41		Wavelength=1369A	Qual=06		MaxkeV=496	
UVSP	02:17					Qual=01	Tot Cts=2737 Exp #=8140	Rast=180"x180"	Step=10" Pitch=+255", Yaw=+881"

[illegible]

Event # = 20691									
80/08/16,21:53	DOY=229	Peak	SMM Pointing:		S25W03	Pitch=+499",Yaw=-43",Roll=0deg		H.Ang=32deg	
GOES	21:50		End times		Qual=00				
UVSP	21:53	Extrap	St=08/16,17:00		WaveLength=1354A	Rast=180"x180" Step=10" Pitch=+478",Yaw=-36"			
C/P					PA=65deg	Blob in streamer well out in corona			
80/08/18 DOY=231									
Event # = 1084									
80/08/18,01:54	DOY=231	Peak	SMM Pointing:		S25W19	Pitch=+496",Yaw=-273",Roll=0deg		H.Ang=37deg	
Optical			End times						
GOES	01:51	01:54	Ha...Class=SF		N10E19	Mac.=DSI Carr.Lon.=128deg H.Ang=19deg			
HXRBS	01:53:40	01:54:10	Importance=C2		Qual=04				
UVSP	01:53		Peak...c/s=73		Qual=01	MaxkeV=56 Rast=3"x3" Step=0" Pitch=+501",Yaw=-228"			
80/08/18 DOY=231									
Event # = 1085									
80/08/18,10:48	DOY=231	Peak	SMM Pointing:		N18E33	Pitch=-202",Yaw=+495",Roll=0deg		H.Ang=34deg	
GOES	10:44	10:48	End times						
HXRBS	10:44:52	10:45:37	Importance=C2		Qual=03				
UVSP	10:46		Peak...c/s=176		Qual=01	MaxkeV=56 Rast=36"x36" Step=3" Pitch=-204",Yaw=+478"			
80/08/18 DOY=231									
Event # = 20692									
80/08/18,11:43	DOY=231	Peak	SMM Pointing:		N18E32	Pitch=-201",Yaw=+484",Roll=0deg		H.Ang=33deg	
Optical			End times						
GOES	11:35		Code=EPL		S28E90	Carr.Lon.=52deg H.Ang=93deg			
UVSP	11:35		WaveLength=3095A		Qual=00	Rast=240"x240" Step=3" Pitch=-254",Yaw=+456"			
C/P	11:43	Extrap	St=08/18,10:56		PA=114deg	Outer loop expands leaving no legs- inner loops w/ H-alpha emission			
80/08/18 DOY=232									
Event # = 1086									
80/08/18,20:10	DOY=231	Peak	SMM Pointing:		S16E83	Pitch=+271",Yaw=+907",Roll=0deg		H.Ang=85deg	
Optical			End times						
GOES	20:05	20:10	Ha...Class=SF		N12E09	Mac.=DSI Carr.Lon.=128deg H.Ang=10deg			
HXRBS	20:06:40	20:07:20	Importance=C1		Qual=01				
UVSP	20:09		Peak...c/s=60		Qual=01	MaxkeV=56 Rast=180"x180" Step=3" Pitch=+251",Yaw=+868"			
80/08/19 DOY=232									
Event # = 1087									
80/08/19,02:25	DOY=232	Peak	SMM Pointing:		S25W34	Pitch=+483",Yaw=-478",Roll=0deg		H.Ang=46deg	
Optical			End times						
Optical									
GOES	02:22	02:25	Ha...Class=SB		N19E27	Mac.=EKI Carr.Lon.=107deg H.Ang=29deg			
HXRBS	02:20:10	02:20:20	Importance=C1		N12W26	Carr.Lon.=160deg H.Ang=26deg			
UVSP	02:22		Peak...c/s=64		Qual=01	MaxkeV=56 Rast=36"x36" Step=3" Pitch=+472",Yaw=-470"			
80/08/19 DOY=232									
Event # = 20378									
80/08/19,13:22	DOY=232	Peak	SMM Pointing:		N18E18	Pitch=-188",Yaw=+278",Roll=0deg		H.Ang=21deg	
GOES	13:21	13:22	End times						
BCS	13:22	13:25	Importance=C2		Qual=01				
UVSP	13:14		CaPeak.c/s=15			Rast=20"x20" Step=4" Pitch=-202",Yaw=+361"			

Event # = 1094									
80/08/21,17:44	Start	DOY=234	Peak	End times	SMM Pointing:	N07W00	Pitch=+2", Yaw=-7", Roll=0deg	H. Ang=0deg	
Optical					Ha...Class=SN				
GOES	17:39	17:44	17:48	17:48	Importance=C2	Qual=04	Mac.=CSI	Carr. Lon.=33deg	H. Ang=65deg
HXRBS	17:43:00	17:43:25	17:43:45		Peak...c/s=90	Qual=01	MaxkeV=56		
UVSP	17:54				Wavelength=3084A		Rast=15"x15"	Pitch=-23", Yaw=+80"	
Radio	Frequency (MHz)/Flux(sfu):	245/420	410/490	606/60			Step=3"		
Event # = 1095									
80/08/21,17:51	Start	DOY=234	Peak	End times	SMM Pointing:	N07W00	Pitch=+2", Yaw=-7", Roll=0deg	H. Ang=0deg	
Optical							Mac.=CSI		
GOES	17:48	17:51	17:54	17:54	Importance=C1	Qual=01			
HXRBS	17:50:58	17:51:08	17:51:28		Peak...c/s=284	Qual=01	MaxkeV=129		
UVSP	17:54				Wavelength=3084A	Code=02	Rast=15"x15"	Pitch=-23", Yaw=+80"	
Event # = 20380									
80/08/21,19:04	Start	DOY=234	Peak	End times	SMM Pointing:	N18W09	Pitch=-184", Yaw=-144", Roll=0deg	H. Ang=14deg	
Optical					Ha...Class=1B		Mac.=CSI		
Optical					Ha...Class=1B				
GOES	18:52	19:04	19:24	19:24	Importance=M7	Qual=05	Carr. Lon.=36deg	H. Ang=61deg	
HXIS					Peak...c/s=283		Carr. Lon.=108deg	H. Ang=15deg	
UVSP	19:21	19:18			Wavelength=1543A				
Radio	Frequency (MHz)/Flux(sfu):	1415/150	2695/82	4995/85	8800/65	15400/73	Rast=3"x3"	Pitch=-200", Yaw=-76"	
Event # = 1096									
80/08/22,00:34	Start	DOY=235	Peak	End times	SMM Pointing:	N18W13	Pitch=-185", Yaw=-202", Roll=0deg	H. Ang=17deg	
Optical					Ha...Class=SF		Mac.=CHO		
GOES	00:31	00:34	00:39	00:39	Importance=C1	Qual=01	Carr. Lon.=35deg	H. Ang=59deg	
HXRBS	00:31:12	00:31:34	00:35:02		Peak...c/s=79	Qual=01	MaxkeV=129		
UVSP	00:31				Wavelength=1353A	Code=00	Rast=36"x36"	Pitch=-180", Yaw=-233"	
Event # = 1097									
80/08/22,02:27	Start	DOY=235	Peak	End times	SMM Pointing:	N18W14	Pitch=-185", Yaw=-215", Roll=0deg	H. Ang=17deg	
Optical							Mac.=EKI		
GOES					Peak...c/s=77	Qual=01	MaxkeV=56		
HXRBS	02:27:07	02:27:30	02:28:57		Wavelength=1353A		Rast=36"x36"	Pitch=-180", Yaw=-260"	
UVSP	02:27						Step=3"		
Event # = 1098									
80/08/22,02:42	Start	DOY=235	Peak	End times	SMM Pointing:	N18W14	Pitch=-185", Yaw=-215", Roll=0deg	H. Ang=17deg	
Optical					Ha...Class=SN		Mac.=EKI		
GOES	02:39	02:42	02:44	02:44	Importance=C2	Qual=02	Carr. Lon.=108deg	H. Ang=18deg	
HXRBS	02:41:09	02:41:44	02:42:19		Peak...c/s=74	Qual=01	MaxkeV=56		
UVSP	02:41				Wavelength=1353A	Code=00	Rast=36"x36"	Pitch=-180", Yaw=-262"	
Radio	Frequency (MHz)/Flux(sfu):	606/35	8800/24	15400/49			Step=3"		

Event # = 1099	DOY=235	SMM Pointing:	N18W15	Pitch=-186", Yaw=-228", Roll=0deg	H.Ang=18deg
80/08/22, 03:52	Start	End times			
Optical					
GOES 03:43	03:52	03:59	Ha...Class=SN		
HXRBS 03:44:11	03:45:29	03:45:31	Importance=C3		
UVSP 03:52			Peak...c/s=80		
			Wavelength=1353A		
			Code=02		
			Associated		
			Qual=01		
HXRBS 03:47:02	03:47:42	03:48:12	Peak...c/s=72		
UVSP 03:47			Wavelength=1353A		
Event # = 1101	DOY=235	SMM Pointing: <th>N18W15</th> <th>Pitch=-186", Yaw=-241", Roll=0deg</th> <th>H.Ang=19deg</th>	N18W15	Pitch=-186", Yaw=-241", Roll=0deg	H.Ang=19deg
80/08/22, 05:18	Start	End times			
Optical					
GOES 05:13	05:18	05:43	Ha...Class=IB		
HXRBS 05:14:58	05:17:03	05:30:24	Importance=C9		
UVSP 05:17			Peak...c/s=310		
			Wavelength=1353A		
			Code=00		
			V1		
Radio Sweeps	Type/Intensity:				
Radio Frequency (MHz)/Flux (sfu):	245/110 410/100 606/75 1415/72 2695/30 4995/52 8800/24 15400/24				
Event # = 1102	DOY=235	SMM Pointing: <th>N18W17</th> <th>Pitch=-186", Yaw=-269", Roll=0deg</th> <th>H.Ang=20deg</th>	N18W17	Pitch=-186", Yaw=-269", Roll=0deg	H.Ang=20deg
80/08/22, 08:30	Start	End times			
Optical					
GOES 08:25	08:30	08:38	Ha...Class=IB		
HXRBS 08:28:06	08:29:12	08:33:06	Importance=C8		
UVSP 08:30			Peak...c/s=1367		
			Wavelength=1353A		
			Code=02		
			V2		
Radio Sweeps	Type/Intensity:				
Radio Frequency (MHz)/Flux (sfu):	245/450 410/40 606/29 2695/21 4995/18				
Event # = 1103	DOY=235	SMM Pointing: <th>N18W22</th> <th>Pitch=-1648", Yaw=+208", Roll=-1deg</th> <th>H.Ang=24deg</th>	N18W22	Pitch=-1648", Yaw=+208", Roll=-1deg	H.Ang=24deg
80/08/22, 11:29	Start	End times			
GOES 11:25	11:29	11:34	Importance=C3		
HXRBS 11:26:15	11:27:58	11:28:55	Peak...c/s=289		
UVSP 11:22			Wavelength=1560A		
			Code=00		
			245/360 410/120 606/2		
Radio Sweeps	Type/Intensity:				
Radio Frequency (MHz)/Flux (sfu):	245/360 410/120 606/2				
Event # = 4377	DOY=235	SMM Pointing: <th>N18W22</th> <th>Pitch=-1651", Yaw=-10", Roll=-1deg</th> <th>H.Ang=24deg</th>	N18W22	Pitch=-1651", Yaw=-10", Roll=-1deg	H.Ang=24deg
80/08/22, 13:10	Start	End times			
GOES 13:07	13:10	13:12	Importance=C1		
HXRBS 13:08:20	13:09:35	13:10:09	Peak...c/s=61		
UVSP 12:58			Wavelength=1425A		
			Code=00		
Event # = 1104	DOY=235	SMM Pointing: <th>N18W22</th> <th>Pitch=-190", Yaw=-337", Roll=0deg</th> <th>H.Ang=24deg</th>	N18W22	Pitch=-190", Yaw=-337", Roll=0deg	H.Ang=24deg
80/08/22, 16:56	Start	End times			
Optical					
GOES 16:45	16:56	17:13	Ha...Class=SN		
HXRBS 16:52:47	16:54:20	16:58:47	Importance=C3		
UVSP 16:56			Peak...c/s=53		
			Wavelength=1648A		
			Code=02		
Event # = 1105	DOY=235	SMM Pointing: <th>N18W22</th> <th>Pitch=-190", Yaw=-337", Roll=0deg</th> <th>H.Ang=24deg</th>	N18W22	Pitch=-190", Yaw=-337", Roll=0deg	H.Ang=24deg
80/08/22, 16:56	Start	End times			
Optical					
GOES 16:45	16:56	17:13	Ha...Class=SN		
HXRBS 16:52:47	16:54:20	16:58:47	Importance=C3		
UVSP 16:56			Peak...c/s=53		
			Wavelength=1648A		
			Code=02		
Event # = 1106	DOY=235	SMM Pointing: <th>N18W22</th> <th>Pitch=-190", Yaw=-337", Roll=0deg</th> <th>H.Ang=24deg</th>	N18W22	Pitch=-190", Yaw=-337", Roll=0deg	H.Ang=24deg
80/08/22, 16:56	Start	End times			
Optical					
GOES 16:45	16:56	17:13	Ha...Class=SN		
HXRBS 16:52:47	16:54:20	16:58:47	Importance=C3		
UVSP 16:56			Peak...c/s=53		
			Wavelength=1648A		
			Code=02		
Event # = 1107	DOY=235	SMM Pointing: <th>N18W22</th> <th>Pitch=-190", Yaw=-337", Roll=0deg</th> <th>H.Ang=24deg</th>	N18W22	Pitch=-190", Yaw=-337", Roll=0deg	H.Ang=24deg
80/08/22, 16:56	Start	End times			
Opt					

Event # = 20381									
80/08/22, 17:31	Start	D0Y=235	Peak	End times	SMM Pointing:	N18W22	Pitch=-190", Yaw=-337", Roll=0deg	H. Ang=24deg	
Optical					Ha...Class=1N	N10W74	Mac.=HSX	Carr. Lon.=160deg	H. Ang=73deg
Optical					Code=EPL	N10W90		Carr. Lon.=176deg	H. Ang=89deg
GOES	17:15	17:31	17:54		Importance=C7	Qual=04			
UVSP	17:43				Wavelength=1346A				
C/P	18:29	Extrap	St=08/22, 17:15		PA=292deg	Exp #=9829	Rast=3"x3"	Step=0"	Pitch=-200", Yaw=-426"
Radio	Frequency	(MHz)/Flux(sfu):	2695/16 4995/1 8800/10 15400/18		Structure obs. is clearly the prominence material				
Event # = 1105									
80/08/22, 19:49	Start	D0Y=235	Peak	End times	SMM Pointing:	N18W22	Pitch=-190", Yaw=-342", Roll=0deg	H. Ang=24deg	
GOES	19:46	19:49	19:52		Importance=C1	Qual=01			
HXRBS	19:48:40	19:49:06	19:49:16		Peak...C/s=66	Qual=01	MaxkeV=56		
UVSP	19:48				Wavelength=1356A	Code=01	Rast=36"x36"	Step=3"	Pitch=-190", Yaw=-387"
Event # = 1106									
80/08/22, 21:30	Start	D0Y=235	Peak	End times	SMM Pointing:	N18W25	Pitch=-194", Yaw=-375", Roll=0deg	H. Ang=26deg	
Optical					Ha...Class=2B	N13E50	Mac.=CH0	Carr. Lon.=34deg	H. Ang=50deg
GOES	21:20	21:30	21:44		Importance=M2	Qual=04			
HXRBS	21:21:54	21:25:28	21:35:48		Peak...C/s=834	Qual=01	Tot Cts=2091	Flags=M	
UVSP	21:29				Wavelength=1353A	Code=00	Exp #=9870	Step=3"	Pitch=-229", Yaw=-342"
Radio	Sweeps	Type/Intensity:	11/1						
Radio	Frequency	(MHz)/Flux(sfu):	410/220 606/490 1415/69 2695/130 4995/110 8800/130 15400/49						
Event # = 20382									
80/08/22, 23:52	Start	D0Y=235	Peak	End times	SMM Pointing:	N18W26	Pitch=-190", Yaw=-397", Roll=0deg	H. Ang=28deg	
Optical					Ha...Class=SN	N18W17	Mac.=EK1	Carr. Lon.=99deg	H. Ang=20deg
GOES	23:42	23:52	00:03		Importance=C8	Qual=05			
BCS	00:04	00:04	00:18		CaPeak.c/s=178	Qual=5	FePeak.c/s=42	#Peaks=1	XEN=23601
FCS		00:08			Peak3...c/s=357		Rast=0"x0"	Step=0"	Cad=30.7s 30.72s/pixel
HXIS		00:03			Peak...c/s=365				
UVSP	00:07				Wavelength=1346A		Rast=3"x3"	Step=0"	Pitch=-225", Yaw=-407"
Event # = 20754									
80/08/23, 03:39	Start	D0Y=236	Peak	End times	SMM Pointing:	N18W28	Pitch=-196", Yaw=-429", Roll=0deg	H. Ang=30deg	
GOES	03:36	03:39	03:42		Importance=C1	Qual=01			
BCS	03:38	03:38	03:39		CaPeak.c/s=24	Qual=1	FePeak.c/s=8	#Peaks=1	XEN=23603
FCS		03:38			Peak3...c/s=138		Rast=180"x180"	Step=15"	Cad= 147s 1.024s/pixel
UVSP	03:37				Wavelength=1550A	Code=00	Rast=30"x30"	Step=3"	Pitch=-248", Yaw=-504"
Radio	Sweeps	Type/Intensity:	111/1						
Event # = 20755									
80/08/23, 04:01	Start	D0Y=236	Peak	End times	SMM Pointing:	N18W28	Pitch=-196", Yaw=-429", Roll=0deg	H. Ang=30deg	
GOES	03:58	04:01	04:11		Importance=C1	Qual=01			
BCS	04:01	04:01	04:01		CaPeak.c/s=19	Qual=1	FePeak.c/s=7	#Peaks=1	XEN=23605
UVSP	03:37				Wavelength=1550A	Code=00	Rast=30"x30"	Step=3"	Pitch=-248", Yaw=-504"

Event # = 1107 80/08/23,06:38 Start	DOY=236 Peak	End times	SMM Pointing:	N07W00	Pitch=+4", Yaw=+3", Roll=0deg	H. Ang=0deg
Optical					Mac. = EHI	
GOES 06:35	06:38	06:46	Importance=C1	Qual=05		
HXRBS 06:36:47	06:36:56	06:37:23	Peak...c/s=95	Qual=01	MaxkeV=56	
UVSP 06:39			Wavelength=2909A	Code=02	Rast=3"x3"	Pitch=+7", Yaw=-6"
Exp #=9940						
Event # = 20756 80/08/23,11:21 Start	DOY=236 Peak	End times	SMM Pointing:	N18W33	Pitch=-197", Yaw=-493", Roll=0deg	H. Ang=34deg
GOES 11:21	11:21	11:21	CaPeak.c/s=19	Qual=00	FePeak.c/s=9	XEN=23606
BCS 11:21			Wavelength=1211A	Qual=1	Rast=3"x3"	Pitch=-224", Yaw=-581"
UVSP 11:19					#Peaks=1	
Exp #=9959					Step=0"	
Event # = 20757 80/08/23,11:30 Start	DOY=236 Peak	End times	SMM Pointing:	N18W33	Pitch=-197", Yaw=-493", Roll=0deg	H. Ang=34deg
GOES 11:30	11:30	11:31	CaPeak.c/s=22	Qual=00	FePeak.c/s=8	XEN=23607
BCS 11:30			Peak3...c/s=150	Qual=1	Rast=0"x0"	Cad=30.7s 30.72s/pixel
FCS 11:23			Wavelength=1541A		Rast=61"x61"	Pitch=-200", Yaw=-488"
Exp #=9960					Step=2"	
Event # = 20758 80/08/23,11:34 Start	DOY=236 Peak	End times	SMM Pointing:	N18W33	Pitch=-197", Yaw=-493", Roll=0deg	H. Ang=34deg
GOES 11:34	11:34	11:34	CaPeak.c/s=18	Qual=00	FePeak.c/s=9	XEN=23608
BCS 11:34			Peak3...c/s=142	Qual=1	Rast=0"x0"	Cad=30.7s 30.72s/pixel
FCS 11:33			Wavelength=1331A		Rast=3"x3"	Pitch=-224", Yaw=-585"
Exp #=9961					Step=0"	
Event # = 1108 80/08/23,12:00 Start	DOY=236 Peak	End times	SMM Pointing:	N18W33	Pitch=-197", Yaw=-493", Roll=0deg	H. Ang=34deg
Optical					Mac. = EHI	
GOES 11:55	12:00	12:05	Importance=C5	Qual=01	MaxkeV=129	
HXRBS 11:56:18	11:56:53	12:03:57	Peak...c/s=124	Qual=01	FePeak.c/s=6	XEN=23609
BCS 11:49	11:49	11:53	CaPeak.c/s=19	Qual=1	Rast=0"x0"	Cad=30.7s 30.72s/pixel
FCS 11:51			Peak3...c/s=145		Rast=0"x0"	Pitch=-201", Yaw=-494"
HXIS 12:00			Peak...c/s=454		Rast=61"x61"	
UVSP 11:54			Wavelength=1541A	Code=00	Step=2"	
Exp #=9966						
Event # = 1109 80/08/23,12:10 Start	DOY=236 Peak	End times	SMM Pointing:	N18W33	Pitch=-197", Yaw=-493", Roll=0deg	H. Ang=34deg
Optical					Mac. = EHI	
GOES 12:05	12:10	12:40	Ha...Class=S8	N18W33	Carr. Lon.=109deg	
HXRBS 12:04:34	12:05:10	12:11:05	Importance=C6	Qual=03		
BCS 11:56	12:07	12:14	Peak...c/s=227	Qual=01	MaxkeV=56	XEN=23612
FCS 12:07			CaPeak.c/s=237	Qual=1	FePeak.c/s=50	Cad=332s 1.024s/pixel
UVSP 12:07			Peak3...c/s=685		Rast=180"x180"	Pitch=-225", Yaw=-588"
Exp #=9967			Wavelength=1556A	Code=00	Rast=3"x3"	

Event # = 20383									
80/08/23, 12:52	Start	DOY=236	Peak						
Optical				SMM Pointing:	N18W34			Pitch=-198", Yaw=-506", Roll=0deg	H. Ang=35deg
GOES	12:49	12:52	12:56	End times					
BCS	12:51	12:54	13:12		Qual=01	AR2629			
FCS		12:54			Qual=4	FePeak=12:54		FePeak.c/s=27 #Peaks=1 dt= 3.0s XEN=23613	
HXIS		12:52			Peak3...c/s=353			Rast=240"x240" Step=15" Cad= 262s 1.024s/pixel	
UVSP	12:52				Peak...c/s=227			Rast=3"x3" Step=0" Pitch=-201", Yaw=-501"	
					Wavelength=1346A	Code=02 Exp #=9971			
Event # = 1110									
80/08/23, 14:52	Start	DOY=236	Peak						
Optical				SMM Pointing:	N18W35			Pitch=-202", Yaw=-514", Roll=0deg	H. Ang=36deg
GOES	14:47	14:52	14:57	End times					
HXRBS	14:49:56	14:50:49	14:51:54		Ha....Class=SN	AR2629		Mac. =EHI Carr. Lon.=112deg	H. Ang=38deg
BCS	14:49	14:51	15:01		Importance=C4				
FCS		14:51			Peak...c/s=149	Tot Cts=2621		MaxkeV=129 #Peaks=1 dt= 3.0s XEN=23615	
HXIS		14:53			CaPeak.c/s=176	FePeak=14:51		Rast=180"x180" Step=10" Cad= 332s 1.024s/pixel	
UVSP	14:51				Peak3...c/s=935			Rast=3"x3" Step=0" Pitch=-237", Yaw=-504"	
					Peak...c/s=363	Exp #=9999			
					Wavelength=1648A	Code=00			
Event # = 20759									
80/08/23, 17:40	Start	DOY=236	Peak						
Optical				SMM Pointing:	N18W33			Pitch=-201", Yaw=-491", Roll=0deg	H. Ang=34deg
GOES	17:40	17:40	17:40	End times					
BCS	17:40	17:40	17:40		Qual=06	FePeak=17:40		FePeak.c/s=5 #Peaks=1	XEN=23618
UVSP	17:39				Qual=1	Exp #=10016		Rast=4"x4" Step=0" Pitch=-196", Yaw=-505"	
					Wavelength=1399A				
Event # = 20760									
80/08/23, 17:49	Start	DOY=236	Peak						
Optical				SMM Pointing:	N18W33			Pitch=-201", Yaw=-491", Roll=0deg	H. Ang=34deg
GOES	17:49	17:49	17:49	End times					
BCS	17:49	17:49	17:49		Qual=06	FePeak=17:49		FePeak.c/s=6 #Peaks=1	XEN=23619
UVSP	17:46				Qual=1	Exp #=10017		Rast=240"x240" Step=4" Pitch=-252", Yaw=-567"	
					Wavelength=1402A				
Event # = 1111									
80/08/23, 18:06	Start	DOY=236	Peak						
Optical				SMM Pointing:	N18W33			Pitch=-201", Yaw=-491", Roll=0deg	H. Ang=34deg
GOES	18:04:20	18:06:09	18:06:50	End times					
HXRBS	18:06	18:06	18:08		Qual=06	MaxkeV=56			
BCS		18:06			Qual=01	FePeak.c/s=20 #Peaks=1		XEN=23620	
FCS		18:06			Qual=1	Rast=0"x0" Step=0" Cad=30.7s 30.72s/pixel			
UVSP	17:49				Peak3...c/s=137	Rast=28"x28" Step=4" Pitch=-222", Yaw=-542"			
					Wavelength=1402A	Exp #=10018			
Event # = 1112									
80/08/23, 18:22	Start	DOY=236	Peak						
Optical				SMM Pointing:	N18W33			Pitch=-201", Yaw=-491", Roll=0deg	H. Ang=34deg
GOES	18:16:31	18:17:26	18:22:21	End times					
HXRBS	18:17	18:22	18:22		Qual=06	MaxkeV=56			
BCS		18:22			Qual=03	FePeak.c/s=61 #Peaks=1		XEN=23621	
FCS		18:18			Qual=2	Rast=0"x0" Step=0" Cad=30.7s 30.72s/pixel			
HXIS		18:18							
UVSP	17:49				Peak...c/s=331	Rast=28"x28" Step=4" Pitch=-222", Yaw=-542"			
					Wavelength=1402A	Exp #=10018			

Event # = 20384	DOY=236	SMM Pointing:	N18W34	Pitch=-201", Yaw=-506", Roll=0deg	H.Ang=35deg
80/08/23, 20:49	Peak	End times			
Optical					
GOES	20:49	20:56	N17W38	Mac.=EHI	H.Ang=38deg
BCS	20:50	21:04	Qual=05	Carr. Lon.=109deg	
FCS	20:50		Qual=5	FePeak.c/s=37	XEN=23622
HXIS	20:49			Rast=0"x0"	Cad=30.7s
UVSP	20:51			Step=0"	30.72s/pixel
				Pitch=4"x4"	
				Step=0"	
				Pitch=-198", Yaw=-528"	
Event # = 1113	DOY=236	SMM Pointing:	N18W35	Pitch=-202", Yaw=-521", Roll=0deg	H.Ang=36deg
80/08/23, 21:29	Peak	End times			
Optical					
GOES	21:26	21:39	N16W39	Mac.=EHI	H.Ang=39deg
HXRBS	21:26:39	21:28:33	Qual=01	Carr. Lon.=109deg	
BCS	21:25	21:38	Qual=01	MaxkeV=129	XEN=23600
FCS	21:32			FePeak.c/s=311	
HXIS	21:28			Rast=180"x20"	1.024s/pixel
UVSP	21:00			Step=10"	
				Cad=36.9s	
				Pitch=-228", Yaw=-557"	
Event # = 1114	DOY=237	SMM Pointing:	N18W37	Pitch=-203", Yaw=-544", Roll=0deg	H.Ang=38deg
80/08/24, 00:26	Peak	End times			
Optical					
GOES	00:22	00:30	N17W43	Mac.=EHI	H.Ang=43deg
HXRBS	00:22:52	00:24:41	Qual=01	Carr. Lon.=112deg	
BCS	00:24	00:28	Qual=01	MaxkeV=56	XEN=23704
FCS	00:24			FePeak.c/s=9	
UVSP	00:13			Rast=180"x20"	1.024s/pixel
				Step=10"	
				Pitch=-210", Yaw=-587"	
Event # = 1115	DOY=237	SMM Pointing:	N18W38	Pitch=-203", Yaw=-555", Roll=0deg	H.Ang=38deg
80/08/24, 02:24	Peak	End times			
Optical					
GOES	02:23:53	02:24:42	Qual=06	MaxkeV=56	
HXRBS	02:24:53	02:25:03	Qual=01	Rast=28"x28"	Pitch=-223", Yaw=-638"
UVSP	01:48			Step=4"	
				Exp #=10033	
Event # = 1116	DOY=237	SMM Pointing:	N07W00	Pitch=+5", Yaw=+0", Roll=0deg	H.Ang=0deg
80/08/24, 05:43	Peak	End times			
Optical					
GOES	05:09	06:00	N18W44	Mac.=EHI	H.Ang=44deg
HXRBS	05:25:10	05:29:13	Qual=03	Carr. Lon.=110deg	
UVSP	05:43			MaxkeV=56	
Event # = 1117	DOY=237	SMM Pointing:	N18W41	Pitch=-209", Yaw=-590", Roll=0deg	H.Ang=41deg
80/08/24, 08:30	Peak	End times			
Optical					
GOES	08:21	08:30	N18W47	Mac.=EHI	H.Ang=47deg
HXRBS	08:23:56	08:27:55	Qual=01	Carr. Lon.=111deg	
BCS	08:24	08:29	Qual=01	MaxkeV=56	XEN=23706
FCS	08:34			FePeak.c/s=87	
HXIS	08:09			Rast=180"x180"	1.024s/pixel
UVSP	08:09			Step=10"	
				Cad=332s	
				Pitch=-239", Yaw=-624"	

Event # = 20385									
80/08/24, 10:00	DOY=237	Start	End times	SMM Pointing:	N18W41			Pitch=-202", Yaw=-599", Roll=0deg	H. Ang=42deg
GOES 09:52	Peak 10:00	10:10		Importance=C3	Qual=01				
HXIS 10:00				Peak...c/s=115					
UVSP 09:44				Wavelength=1547A	Code=00	Exp #=10048	Rast=8"x8"	Step=4"	Pitch=-227", Yaw=-662"
Event # = 20761									
80/08/24, 12:48	DOY=237	Start	End times	SMM Pointing:	N18W43			Pitch=-211", Yaw=-618", Roll=0deg	H. Ang=43deg
GOES 12:48	Peak 12:48	12:50		CaPeak.c/s=25	Qual=00				
FCS 12:49				Peak3...c/s=127	Qual=1	FePeak=12:48	FePeak.c/s=8	#Peaks=1	XEN=23708
UVSP 12:50				Wavelength=1542A		Exp #=10052	Rast=0"x0"	Step=0"	Cad=3840s
							Rast=4"x4"	Step=0"	Pitch=-247", Yaw=-646"
Event # = 20762									
80/08/24, 12:55	DOY=237	Start	End times	SMM Pointing:	N18W44			Pitch=-213", Yaw=-628", Roll=0deg	H. Ang=44deg
GOES 12:53	Peak 12:55	13:01		CaPeak.c/s=26	Qual=00				
FCS 12:55				Peak3...c/s=39	Qual=1	FePeak=12:55	FePeak.c/s=10	#Peaks=1	XEN=23729
UVSP 12:52				Wavelength=1548A		Exp #=10053	Rast=0"x0"	Step=0"	Cad=3840s
							Rast=240"x240"	Step=4"	Pitch=-265", Yaw=-696"
Event # = 20763									
80/08/24, 13:03	DOY=237	Start	End times	SMM Pointing:	N18W44			Pitch=-213", Yaw=-628", Roll=0deg	H. Ang=44deg
GOES 13:03	Peak 13:03	13:03		CaPeak.c/s=18	Qual=00				
BCS 13:03				Wavelength=1547A		FePeak=13:03	FePeak.c/s=13	#Peaks=1	XEN=23715
UVSP 12:55						Exp #=10054	Rast=8"x8"	Step=4"	Pitch=-239", Yaw=-707"
Event # = 1118									
80/08/24, 13:20	DOY=237	Start	End times	SMM Pointing:	N18W44			Pitch=-213", Yaw=-628", Roll=0deg	H. Ang=44deg
GOES 13:06	Peak 13:20	13:44		Importance=C2	Qual=01				
HXRBS 13:23:37		13:24:17		Peak...c/s=94	Qual=01				
BCS 13:16	13:18	13:23		CaPeak.c/s=29	Qual=1	FePeak=13:18	FePeak.c/s=8	#Peaks=1	XEN=23719
UVSP 12:55	13:21			Peak3...c/s=68		Exp #=10054	Rast=0"x0"	Step=0"	Cad=3840s
				Wavelength=1547A	Code=00	Event # = 20764	Rast=8"x8"	Step=4"	Pitch=-239", Yaw=-707"
BCS 13:09	13:10	13:10		CaPeak.c/s=20	Qual=1	FePeak=13:10	FePeak.c/s=6	#Peaks=1	XEN=23728
BCS 13:14	13:14	13:14		CaPeak.c/s=19	Qual=1	Event # = 20765	FePeak.c/s=8	#Peaks=1	XEN=23718
Event # = 20766									
80/08/24, 14:25	DOY=237	Start	End times	SMM Pointing:	N18W44			Pitch=-213", Yaw=-628", Roll=0deg	H. Ang=44deg
GOES 14:20	Peak 14:25	15:12		Importance=C2	Qual=04				
BCS 14:24	14:24	14:44		CaPeak.c/s=23	Qual=5	FePeak=14:24	FePeak.c/s=7	#Peaks=1	XEN=23722
UVSP 14:25				Wavelength=1542A	Code=02	Exp #=10055	Rast=4"x4"	Step=0"	Pitch=-240", Yaw=-716"

Event # = 1119 80/08/24, 16:13 Start	DOY=237 Peak	End times	SMM Pointing:	N18W46	Pitch=-213", Yaw=-647", Roll=0deg	H. Ang=46deg
Optical			Ha...Class=SB		Mac.=EHI	H. Ang=52deg
GOES 16:02	16:13	16:25	Importance=M1	AR2629	MaxkeV=129	
HXRBS 16:04:29	16:09:22	16:22:14	Peak...c/s=312	Tot Cts=44451	FePeak.c/s=188	XEN=23700
BCS 16:05	16:12	16:59	CaPeak.c/s=613	FePeak=16:12	Step=0"	dt= 3.2s
FCS	16:25		Peak3...c/s=496	Qual= 1	Rast=0" x0"	Cad=30.7s
HXIS	16:13		Peak...c/s=965		Pitch=-233", Yaw=-679"	
UVSP			WaveLength=1402A	Code=00		
Radio	Frequency(MHz)/Flux(sfu):		4995/10 8800/13	Exp #=10061		
Event # = 1120 80/08/24, 16:47 Start	DOY=237 Peak	End times	SMM Pointing:	N18W46	Pitch=-213", Yaw=-647", Roll=0deg	H. Ang=46deg
Optical			Ha...Class=SB		Mac.=EHI	H. Ang=52deg
GOES 16:40	16:47	17:30	Importance=M1	AR2629	MaxkeV=56	
HXRBS 16:42:23	16:45:09	16:48:03	Peak...c/s=74	Tot Cts=3633	Rast=28"x28"	Flags=AX
UVSP 16:11			WaveLength=1402A	Exp #=10061	Step=4"	Pitch=-233", Yaw=-679"
Radio	Frequency(MHz)/Flux(sfu):		245/120			
Event # = 1121 80/08/24, 18:11 Start	DOY=237 Peak	End times	SMM Pointing:	N07W00	Pitch=+0", Yaw=+6", Roll=0deg	H. Ang=0deg
GOES 18:10:38	18:11:02	18:11:18	Peak...c/s=74	Qual=00	MaxkeV=56	
HXRBS 17:46			WaveLength=1402A	Qual=01	Rast=28"x28"	Pitch=-128", Yaw=-188"
UVSP				Exp #=10064		
Event # = 20386 80/08/24, 19:04 Start	DOY=237 Peak	End times	SMM Pointing:	N07W00	Pitch=+0", Yaw=+6", Roll=0deg	H. Ang=0deg
Optical			Ha...Class=1B		Mac.=EHI	H. Ang=58deg
GOES 19:00	19:04	19:43	Importance=M1	AR2629	Carr. Lon.=118deg	
BCS 19:17	19:17	19:42	CaPeak.c/s=180	FePeak=19:17	#Peaks=1	XEN=23723
FCS	19:35		Peak3...c/s=529		Rast=180"x180"	Step=15" Cad= 147s
HXIS	19:16		Peak...c/s=307	Exp #=10065	Step=0"	Pitch=-128", Yaw=-188"
UVSP			WaveLength=1301A			
Event # = 1122 80/08/24, 19:51 Start	DOY=237 Peak	End times	SMM Pointing:	N18W47	Pitch=-216", Yaw=-665", Roll=0deg	H. Ang=47deg
Optical			Ha...Class=1B		Mac.=EHI	H. Ang=53deg
GOES 19:43	19:51	20:08	Importance=M2	AR2629	Carr. Lon.=112deg	
HXRBS 19:44:17	19:45:39	19:55:57	Peak...c/s=608	Tot Cts=74210	MaxkeV=129	Flags=M, ES
BCS 19:43	19:51	19:55	CaPeak.c/s=876	FePeak=19:51	FePeak.c/s=290	#Peaks=2 dt= 6.1s
FCS	19:48		Peak3...c/s=101		Rast=0" x0"	Cad=30.7s
HXIS	19:51		Peak...c/s=1498	Exp #=10075	Step=0"	Pitch=-340", Yaw=-867"
UVSP			WaveLength=1312A			
Radio	Frequency(MHz)/Flux(sfu):		2695/6 4995/8 8800/13			

[illegible]

Event # = 20773									
80/08/25,04:11	DOY=238	Start	End times	SMM Pointing:	N18W52			Pitch=-220", Yaw=-716", Roll=0deg	H. Ang=52deg
GOES 04:06	Peak 04:11		04:19	Importance=C2	Qual=02				
BCS 04:10	04:10		04:10	CaPeak.c/s=19	Qual=1				
UVSP 03:24				Wavelength=1548A	Code=00				
								FePeak=04:10	XEN=23815
								Exp # = 10109	Pitch=-377", Yaw=-872"
Event # = 20774									
80/08/25,04:55	DOY=238	Start	End times	SMM Pointing:	N07E04			Pitch=+0", Yaw=+60", Roll=0deg	H. Ang=4deg
GOES 04:45	Peak 04:55		05:12	Importance=C3	Qual=01				
BCS 04:46	04:49		04:51	CaPeak.c/s=41	Qual=2				
FCS 04:47	04:47			Peak3...c/s=86					
								FePeak=04:49	XEN=23816
								dt= 6.1s	3840s/pixel
Event # = 1129									
80/08/25,06:38	DOY=238	Start	End times	SMM Pointing:	N03W61			Pitch=+1", Yaw=-833", Roll=0deg	H. Ang=61deg
Optical				Ha...Class=58	N18W58				
GOES 06:30	Peak 06:38		06:47	Importance=C9	Qual=01			Mac.=EKI	H. Ang=57deg
HXRBS 06:32:23	06:35:46		06:38:23	Peak...c/s=74	Qual=01			Carr. Lon.=110deg	
BCS 06:36	06:36		06:38	CaPeak.c/s=277	Qual=6				
FCS 06:37	06:37			Peak3...c/s=14					
								FePeak=06:36	XEN=23817
								Step=0"	3840s/pixel
								Event # = 20775	
								FePeak=06:45	XEN=23818
								Step=0"	3840s/pixel
Event # = 20776									
80/08/25,07:51	DOY=238	Start	End times	SMM Pointing:	N07W00			Pitch=+2", Yaw=+6", Roll=0deg	H. Ang=0deg
GOES 07:42	Peak 07:51		08:18	Importance=C1	Qual=05				
BCS 07:59	07:59		07:59	CaPeak.c/s=19	Qual=5				
UVSP 08:15				Wavelength=1483A					
								FePeak=07:59	XEN=23819
								Exp # = 10110	Pitch=-219", Yaw=-743"
Event # = 20777									
80/08/25,08:32	DOY=238	Start	End times	SMM Pointing:	N18W55			Pitch=-224", Yaw=-739", Roll=0deg	H. Ang=54deg
GOES 08:19	Peak 08:32		08:50	Importance=C1	Qual=01				
BCS 08:31	08:31		08:32	CaPeak.c/s=20	Qual=1				
FCS 08:31	08:31			Peak3...c/s=82					
UVSP 08:20				Wavelength=1485A	Code=00				
								FePeak=08:31	XEN=23820
								Exp # = 10112	Cad=30.7s 30.72s/pixel
								Event # = 20778	Pitch=-252", Yaw=-779"
								FePeak=08:34	
								Qual=1	
								Associated	
								Event # = 20779	
								Qual=1	
								FePeak=08:38	XEN=23821
								Step=0"	XEN=23800
								Cad=30.7s	30.72s/pixel
Event # = 1130									
80/08/25,10:27	DOY=238	Start	End times	SMM Pointing:	N18W56			Pitch=-225", Yaw=-748", Roll=0deg	H. Ang=55deg
GOES 10:13	Peak 10:27		11:27	Importance=C3	Qual=03				
HXRBS 10:17:30	10:19:49		10:21:10	Peak...c/s=301	Qual=01				
BCS 10:21	10:32		10:33	CaPeak.c/s=36	Qual=3				
FCS 10:29	10:29			Peak3...c/s=108					
				Wavelength=1485A	Code=00				
								FePeak=04:10	XEN=23853
								Exp # = 10114	Cad=30.7s 30.72s/pixel
								Step=0"	Pitch=-253", Yaw=-785"

Event #	Start	End times	SMM Pointing:	N18W56	Pitch=-229", Yaw=-749", Roll=0deg	H.Ang=55deg
80/08/25, 11:51	DOY=238 Peak	12:12	Importance=C1	Qual=01	#Peaks=1	XEN=23829
G0ES 11:49	11:51	11:54	CaPeak.c/s=21	Qual=1	Step=0"	Cad=30.7s 30.72s/pixel
BGS 11:51	11:51		Peak3..c/s=199		Step=10"	Pitch=-255", Yaw=-793"
FCS 11:52	11:52		Wavelength=1485A	Code=00		
UVSP 11:14						
Event # = 1131						
80/08/25, 13:03	DOY=238 Peak	13:34	SMM Pointing:	N18W57	Pitch=-230", Yaw=-757", Roll=0deg	H.Ang=56deg
Optical	Start	End times	Ha...Class=S8	N18W62	Mac.=EKI	H.Ang=61deg
Optical	Start	End times	Ha...Class=SN	No7E13	Carr.Lon.=111deg	H.Ang=13deg
G0ES 12:29	13:03	13:34	Importance=M1	Qual=04		
HXRBS 12:53:38	12:54:25	12:54:56	Peak...c/s=247	Qual=01	MaxkeV=129	XEN=23831
BGS 12:46	13:06	13:45	CaPeak.c/s=580	Qual=1	FePeak.c/s=120	dt= 6.1s
FCS 13:10	13:10		Peak3..c/s=3091		Rast=0"x0"	Cad=1054s
HXIS 13:02			Peak...c/s=894		Step=0"	Step=10"
UVSP 12:50			WaveLength=1485A	Code=00	Rast=50"x50"	Pitch=-256", Yaw=-800"
Radio	Frequency(MHz)/Flux(sfu):		245/56 410/600	Exp #=10118		
HXRBS 12:56:17	13:02:15	13:10:17	Peak...c/s=161	Qual=01	MaxkeV=56	
BGS 12:45	12:51	12:51	CaPeak.c/s=100	Tot Cts=32706		
Event # = 1133						
80/08/25, 15:00	DOY=238 Peak	15:08	SMM Pointing:	N18W58	Pitch=-229", Yaw=-771", Roll=0deg	H.Ang=58deg
Optical	Start	End times	Ha...Class=IN	N17W64	Mac.=EKI	H.Ang=63deg
G0ES 14:53	15:00	15:08	Importance=C9	Qual=01		
HXRBS 14:57:00	14:57:40	15:00:40	Peak...c/s=87	Qual=01	MaxkeV=56	XEN=23854
BGS 14:55	15:00	15:09	CaPeak.c/s=343	Qual=1	FePeak.c/s=95	dt= 6.1s
FCS 15:01	15:01		Peak3..c/s=1091		Rast=180"x180"	Cad= 332s
HXIS 14:59	14:59		Peak...c/s=733		Step=10"	Step=10"
UVSP 14:28			Wavelength=1485A	Code=00	Rast=50"x50"	Pitch=-238", Yaw=-808"
Event # = 1134						
80/08/25, 16:24	DOY=238 Peak	16:27	SMM Pointing:	N18W58	Pitch=-229", Yaw=-771", Roll=0deg	H.Ang=58deg
G0ES 16:21	16:24	16:27	Importance=C1	Qual=01		
HXRBS 16:23:20	16:23:47	16:24:40	Peak...c/s=77	Qual=01	MaxkeV=56	XEN=23835
BGS 16:23	16:24	16:27	CaPeak.c/s=39	Qual=1	FePeak.c/s=25	Cad=30.7s 30.72s/pixel
FCS 16:23	16:23		Peak3..c/s=48		Rast=0"x0"	Step=0"
UVSP 16:03			Wavelength=1485A	Code=00	Rast=50"x50"	Pitch=-259", Yaw=-815"
Event # = 20782						
80/08/25, 16:35	DOY=238 Peak	16:50	SMM Pointing:	N18W58	Pitch=-229", Yaw=-771", Roll=0deg	H.Ang=58deg
G0ES 16:30	16:35	16:50	Importance=C1	Qual=03		
BGS 16:34	16:37	16:57	CaPeak.c/s=33	Qual=2	FePeak.c/s=11	dt= 1.0s
FCS 16:38	16:38		Peak3..c/s=39		Rast=0"x0"	Cad=30.7s 30.72s/pixel
UVSP 16:03			Wavelength=1485A	Code=00	Rast=50"x50"	Pitch=-259", Yaw=-815"

Event # = 20389									
80/08/25, 17:07	Start	DOY=238	End times	SMM Pointing:	N18W58	Pitch=-229", Yaw=-771", Roll=0deg	H. Ang=58deg		
GOES		Peak			Qual=00				
HXIS	17:07			Peak...c/s=117					
UVSP	17:36			Wave length=1485A	Exp #=10124	Rast=130"x130" Step=10" Pitch=-270", Yaw=-812"			
Event # = 1135									
80/08/25, 17:56	Start	DOY=238	End times	SMM Pointing:	N18W60	Pitch=-232", Yaw=-785", Roll=0deg	H. Ang=59deg		
GOES	17:51	Peak			Qual=01				
HXRBS	17:53:00	17:53:40	17:59:00	Importance=C5	Qual=01				
BCS	17:53	17:53	18:12	Peak...c/s=125	Qual=01				
FCS	17:55	17:55	18:12	CaPeak.c/s=240	Qual=1	MaxkeV=56			
HXIS	17:55	17:55	18:12	Peak3...c/s=1044		FePeak.c/s=59 #Peaks=2 dt= 6.1s XEN=23837			
UVSP	17:38	17:55		Peak...c/s=427		Rast=180"x180" Step=15" Cad= 147s 1.024s/pixel			
Radio	Frequency (MHz)/Flux(sfu):			Wave length=1485A	Code=00	Rast=50"x50" Step=10" Pitch=-240", Yaw=-823"			
Event # = 1136									
80/08/25, 19:15	Start	DOY=238	End times	SMM Pointing:	N18W60	Pitch=-238", Yaw=-781", Roll=0deg	H. Ang=59deg		
Optical						Mac.=EKI			
GOES	19:10	19:15	19:28	Ha...Class=18	N15W65				
HXRBS	19:15:35	19:15:55	19:16:20	Importance=C2	Qual=04	Carr. Lon.=110deg			
BCS	19:09	19:16	19:44	Peak...c/s=61	Qual=01				
FCS	19:26	19:26	19:44	CaPeak.c/s=72	Qual=1				
UVSP	19:14	19:26		Peak3...c/s=275		MaxkeV=56			
				Wave length=1485A	Code=00	FePeak.c/s=14 dt= 6.1s XEN=23841			
						Rast=0"x0" Step=0" Cad=30.7s 30.72s/pixel			
						Rast=50"x50" Step=10" Pitch=-262", Yaw=-820"			
Event # = 20783									
80/08/25, 19:53	Start	DOY=238	End times	SMM Pointing:	N18W60	Pitch=-238", Yaw=-781", Roll=0deg	H. Ang=59deg		
GOES	19:45	19:53	19:59	Importance=C2	Qual=02				
BCS	19:46	19:51	19:51	CaPeak.c/s=58	Qual=2	FePeak.c/s=17 dt= 6.1s XEN=23845			
FCS	19:46	19:46	19:51	Peak3...c/s=125		Rast=0"x0" Step=0" Cad=30.7s 30.72s/pixel			
UVSP	19:14	19:46		Wave length=1485A	Code=01	Rast=50"x50" Step=10" Pitch=-262", Yaw=-820"			
Event # = 1138									
80/08/25, 21:01	Start	DOY=238	End times	SMM Pointing:	N18W61	Pitch=-238", Yaw=-791", Roll=0deg	H. Ang=60deg		
Optical						Mac.=EKI			
GOES	20:56	21:01	21:06	Ha...Class=SF	N16W68				
HXRBS	20:59:05	20:59:55	21:01:15	Importance=C2	Qual=01	Carr. Lon.=112deg			
BCS	20:58	21:01	21:07	Peak...c/s=106	Qual=01				
FCS	20:49	21:03	21:07	CaPeak.c/s=84	Qual=1				
UVSP	20:49	21:03	21:07	Peak3...c/s=61		MaxkeV=56			
				Wave length=1485A	Code=00	FePeak.c/s=24 dt= 6.1s XEN=23846			
						Rast=0"x0" Step=0" Cad=30.7s 30.72s/pixel			
						Rast=50"x50" Step=10" Pitch=-263", Yaw=-836"			
						MaxkeV=56			
Event # = 20784									
80/08/25, 21:17	Start	DOY=238	End times	SMM Pointing:	N18W61	Pitch=-238", Yaw=-791", Roll=0deg	H. Ang=60deg		
GOES	21:11	21:17	21:20	Importance=C1	Qual=01				
BCS	21:17	21:17	21:18	CaPeak.c/s=20	Qual=1				
FCS	21:17	21:17	21:18	Peak3...c/s=42					
UVSP	20:49	21:18		Wave length=1485A	Code=00	FePeak.c/s=8 #Peaks=1 XEN=23848			
						Rast=0"x0" Step=0" Cad=30.7s 30.72s/pixel			
						Rast=50"x50" Step=10" Pitch=-263", Yaw=-836"			

Event # = 1148									
80/08/27, 10:25	DOY=240	Peak	SMM Pointing:						
G0ES 10:21	10:25	10:28	Importance=C1						
HXRBS 10:21:50	10:22:10	10:23:20	Peak...c/s=60						
UVSP 10:22			Wavelength=1547A Code=00						
Exp # = 10277									
Pitch=-281", Yaw=-910", Roll=0deg									
MaxkeV=56									
Rast=240"x240" Step=3" Pitch=-356", Yaw=-986"									
Event # = 1149									
80/08/27, 11:40	DOY=240	Peak	SMM Pointing:						
Optical			Ha...Class=SN						
G0ES 11:39	11:40	11:49	N17W81						
HXRBS 11:36:05	11:37:25	11:40:35	Qual=01						
BCS 11:38	11:39	11:41	Importance=C4						
FCS 11:41			Peak...c/s=294						
HXIS 11:39			CaPeak.c/s=42						
UVSP 11:27			Peak3...c/s=69						
Peak...c/s=99									
Wavelength=1550A Code=00									
Exp # = 10280									
Pitch=-281", Yaw=-910", Roll=0deg									
Mac.=CA0									
Carr. Lon.=104deg									
H. Ang=79deg									
MaxkeV=129									
FePeak.c/s=16									
#Peaks=1									
Step=0"									
Cad=30.7s									
XEN=24000									
Step=0"									
Rast=3"x3"									
Pitch=-293", Yaw=-915"									
Event # = 20394									
80/08/27, 11:55	DOY=240	Peak	SMM Pointing:						
G0ES 11:48	11:55	12:04	Qual=00						
BCS 11:27	12:02		CaPeak.c/s=45						
FCS 11:27			Peak3...c/s=334						
UVSP 11:27			Wavelength=1550A						
FePeak=11:55									
#Peaks=1									
Step=0"									
Cad=30.7s									
XEN=24001									
Step=0"									
Rast=3"x3"									
Pitch=-293", Yaw=-915"									
Event # = 1150									
80/08/27, 12:26	DOY=240	Peak	SMM Pointing:						
G0ES 12:26:20	12:26:45	12:27:20	Qual=06						
HXRBS 12:42			Peak...c/s=60						
UVSP 12:42			Wavelength=1542A						
Exp # = 10281									
Pitch=-281", Yaw=-910", Roll=0deg									
MaxkeV=56									
Rast=3"x3"									
Flags=SN, EN, AX									
Step=0"									
Pitch=-294", Yaw=-916"									
Event # = 1151									
80/08/27, 13:37	DOY=240	Peak	SMM Pointing:						
Optical			N18W87						
G0ES 13:18	13:37	14:16	S07E86						
HXRBS 13:22:20	13:27:15	13:39:25	Qual=03						
UVSP 12:50			Importance=M1						
Peak...c/s=165									
Wavelength=1549A Code=00									
Tot Cts=35875									
Exp # = 10283									
Pitch=-287", Yaw=-903", Roll=0deg									
Mac.=EAC									
Carr. Lon.=296deg									
H. Ang=87deg									
MaxkeV=56									
Rast=3"x3"									
Flags=M									
Step=0"									
Pitch=-290", Yaw=-896"									
Event # = 1152									
80/08/27, 16:17	DOY=240	Peak	SMM Pointing:						
G0ES 16:09	16:17	16:23	Qual=01						
HXRBS 16:10:50	16:12:20	16:13:20	Importance=C2						
UVSP 16:01			Peak...c/s=222						
Wavelength=1549A Code=00									
Tot Cts=5100									
Exp # = 10289									
Pitch=-289", Yaw=-911", Roll=0deg									
MaxkeV=129									
Rast=3"x3"									
Step=0"									
Pitch=-295", Yaw=-901"									
Event # = 1153									
80/08/27, 17:30	DOY=240	Peak	SMM Pointing:						
Optical			S10W36						
G0ES 17:11	17:30	17:45	Qual=05						
HXRBS 17:38:40	17:38:55	17:39:20	Importance=C3						
UVSP 17:30			Peak...c/s=62						
Wavelength=1347A Code=02									
Exp # = 10291									
Pitch=-289", Yaw=-911", Roll=0deg									
Mac.=CRO									
Carr. Lon.=56deg									
H. Ang=40deg									
MaxkeV=56									
Rast=10"x10"									
Step=0"									
Pitch=-295", Yaw=-901"									

Event # = 1159									
80/08/28, 15:56	Start	DOY=241	Peak	15:56					
GOES	15:54	16:05	Importance=C1	Qual=01					
HXRBS	15:56:05	15:56:30	Peak...c/s=73	Qual=01					
BCS	15:56	15:58	CaPeak.c/s=32	Qual=1					
FCS	15:57	15:57	Peak3...c/s=100						
UVSP	15:53		Wave length=1350A	Code=00					
				Associated					
BCS	16:02	16:03	CaPeak.c/s=19	Qual=1					
FCS	16:03	16:03	Peak3...c/s=58						
UVSP	15:58		Wave length=1353A						
				Associated					
BCS	16:03	16:04	CaPeak.c/s=19	Qual=1					
FCS	16:03	16:03	Peak3...c/s=57						
UVSP	16:03		Wave length=1352A						
Event # = 20794									
80/08/28, 16:12	Start	DOY=241	Peak	16:12					
GOES	16:05	16:12	Importance=C3	Qual=01					
BCS	16:06	16:10	CaPeak.c/s=42	Qual=1					
FCS	16:06	16:06	Peak3...c/s=48						
UVSP	16:08		Wave length=1353A	Code=00					
				Exp #=10446					
Event # = 1160									
80/08/28, 17:26	Start	DOY=241	Peak	17:26					
GOES	17:22	17:32	Importance=C2	Qual=04					
HXRBS	17:26:30	17:27:35	Peak...c/s=205	Qual=01					
BCS	17:26	17:30	CaPeak.c/s=59	Qual=1					
FCS	17:26	17:27	Peak3...c/s=173						
UVSP	17:28	17:26	Wave length=1346A	Code=02					
				Exp #=10457					
Event # = 20795									
80/08/28, 19:21	Start	DOY=241	Peak	19:21					
GOES	19:18	19:25	Importance=C1	Qual=01					
BCS	19:20	19:20	CaPeak.c/s=20	Qual=1					
FCS	19:20	19:20	Peak3...c/s=53						
UVSP	19:21		Wave length=1353A	Code=02					
				Exp #=10486					
Event # = 20396									
80/08/29, 06:26	Start	DOY=242	Peak	06:26					
Optical	05:55	06:26	Ha...Class=SN	S06E71					
Optical	05:55	06:26	Ha...Class=SF	S09E57					
GOES	06:14	06:39	Importance=C3	Qual=04					
BCS	06:14	06:38	CaPeak.c/s=73	Qual=1					
FCS	06:32	06:32	Peak3...c/s=266						
HXIS	06:24	06:26	Peak...c/s=88						
UVSP	06:24		Wave length=1300A	Code=00					
				Exp #=10645					

Event # = 1163									
80/08/29,12:25	DOY=242	Peak	End times	SMM Pointing:	S09E54		Pitch=+214",Yaw=+764",Roll=0deg	H.Ang=56deg	
Optical				Ha...Class=SB					
GOES 12:20	12:25		12:50	Importance=C2	Qual=05		Mac.=FKI	Carr.Lon.=295deg	H.Ang=60deg
HXRBS 12:38:20	12:38:50		12:39:40	Peak...c/s=69	Qual=01		MaxkeV=56		
UVSP 12:37				Wavelength=1537A			Rast=3"x3"	Step=0"	Pitch=+160",Yaw=+686"
				Exp #=10664					
80/08/30 DOY=243									
Event # = 1164									
80/08/30,01:40	DOY=243	Peak	End times	SMM Pointing:	N12E49		Pitch=-121",Yaw=+707",Roll=0deg	H.Ang=49deg	
GOES									
HXRBS 01:40:10	01:40:20		01:40:45	Peak...c/s=81	Qual=01		MaxkeV=56		
UVSP 01:35				Wavelength=1402A			Rast=28"x28"	Step=4"	Pitch=-138",Yaw=+724"
				Exp #=10745					
Event # = 1166									
80/08/30,03:05	DOY=243	Peak	End times	SMM Pointing:	N12E48		Pitch=-118",Yaw=+695",Roll=0deg	H.Ang=48deg	
Optical									
GOES 03:02	03:05		03:07	Ha...Class=SB	N11E49		Mac.=EKI	Carr.Lon.=299deg	H.Ang=48deg
HXRBS 03:04:20	03:05:05		03:05:40	Importance=C2	Qual=01		MaxkeV=129	Flags=M	
HXIS 03:04				Peak...c/s=470	Qual=01		Rast=4"x4"	Step=0"	Pitch=-119",Yaw=+694"
UVSP 03:00				Peak...c/s=136					
Radio Sweeps	Type/Intensity:			Wavelength=1399A	Code=00				
Radio Frequency (MHz)/Flux(sfu):	111/1			8800/18 15400/22					
HXRBS 03:01:15	03:01:25		03:01:45	Peak...c/s=72	Qual=01		MaxkeV=56		
				Associated Event # = 1165					
Event # = 1167									
80/08/30,05:29	DOY=243	Peak	End times	SMM Pointing:	N12E48		Pitch=-119",Yaw=+691",Roll=0deg	H.Ang=47deg	
Optical									
GOES 05:27	05:29		05:32	Ha...Class=SB	N12E47		Mac.=EKI	Carr.Lon.=300deg	H.Ang=47deg
HXRBS 05:29:30	05:29:45		05:30:30	Importance=C1	Qual=02		MaxkeV=56	Flags=M	
UVSP 04:45				Peak...c/s=104	Qual=01		Rast=28"x28"	Step=4"	Pitch=-115",Yaw=+729"
				Wavelength=1402A	Code=00				
				Tot Cts=750					
				Exp #=10751					
Event # = 1168									
80/08/30,06:26	DOY=243	Peak	End times	SMM Pointing:	N00E85		Pitch=+3",Yaw=+949",Roll=0deg	H.Ang=85deg	
Optical									
GOES 06:20	06:26		06:32	Ha...Class=SN	N11E48		Mac.=EKI	Carr.Lon.=298deg	H.Ang=48deg
HXRBS 06:23:05	06:24:45		06:26:15	Importance=C4	Qual=01		MaxkeV=56		
UVSP 06:31				Peak...c/s=07	Qual=01		Rast=120"x120"	Step=3"	Pitch=+5",Yaw=-964"
				Wavelength=2912A	Code=02				
				Exp #=10753					
Event # = 1169									
80/08/30,06:49	DOY=243	Peak	End times	SMM Pointing:	S72W00		Pitch=+936",Yaw=+1",Roll=0deg	H.Ang=79deg	
Optical									
GOES 06:46	06:49		06:58	Ha...Class=SN	S06E59		Mac.=EKI	Carr.Lon.=287deg	H.Ang=60deg
HXRBS 06:47:20	06:47:50		06:49:00	Importance=C2	Qual=01		MaxkeV=129	Flags=M	
UVSP 06:44				Peak...c/s=197	Qual=01		Rast=120"x120"	Step=3"	Pitch=+5",Yaw=-12"
				Wavelength=2912A	Code=01				
				Tot Cts=3550					
				Exp #=10754					

Event # = 4419 80/08/30, 08:08 Start	DOY=243 Peak	End times	SMM Pointing:		Pitch=-1141", Yaw=-1", Roll=0deg
Optical			Ha...Class=S8		Mac.=EKI Carr. Lon.=301deg H. Ang=44deg
GOES 08:03	08:08	08:25	Importance=C6	AR2646	
HXRBS 08:03:10	08:09:15	08:11:50	Peak...c/s=122	Tot Cts=6702	Flags=I
HXIS 08:11	08:11		Peak...c/s=101	Exp #=10757	Rast=3"x3" Pitch=0" Step=0" Pitch=-1", Yaw=+4"
UVSP 07:54			Wavelength=2912A	Code=00	
Event # = 1170 80/08/30, 09:51 Start	DOY=243 Peak	End times	SMM Pointing:		Pitch=-115", Yaw=+662", Roll=0deg H. Ang=45deg
GOES 09:50:55	09:51:10	09:51:55	Peak...c/s=66	Exp #=10764	MaxkeV=129 Rast=9"x9" Step=3" Pitch=-114", Yaw=+621"
HXRBS 09:42			Wavelength=1549A		
Event # = 1171 80/08/30, 12:48 Start	DOY=243 Peak	End times	SMM Pointing:		Pitch=-110", Yaw=+634", Roll=0deg H. Ang=43deg
GOES 12:34	12:48	12:59	Importance=C6		
HXRBS 12:36:50	12:43:00	12:47:10	Peak...c/s=208	Tot Cts=14260	Flags=M dt= 3.2s XEN=24300
BCS 12:36	12:45	13:32	CaPeak.c/s=223	FePeak=12:45	Step=0" Cad=30.7s 30.72s/pixel
FCS 12:49	12:49		Peak3...c/s=1185		
HXIS 12:43	12:43		Peak...c/s=418	Exp #=10771	Rast=240"x240" Pitch=-167", Yaw=+573"
UVSP 12:39			Wavelength=1549A	Code=00	
Event # = 20803 80/08/30, 14:00 Start	DOY=243 Peak	End times	SMM Pointing:		Pitch=-110", Yaw=+634", Roll=0deg H. Ang=43deg
Optical			Ha...Class=SN	AR2646	Mac.=EKI Carr. Lon.=300deg H. Ang=42deg
GOES 13:50	14:00	15:10	Importance=C5		
BCS 14:09	14:13	14:32	CaPeak.c/s=41	FePeak=14:13	dt= 6.3s XEN=24301
FCS 14:15	14:15		Peak3...c/s=233	Exp #=10774	Rast=240"x240" Cad= 524s 2.048s/pixel
UVSP 14:14			Wavelength=2149A		Step=0" Pitch=-289", Yaw=+426"
Radio Frequency (MHz)/Flux (sfu):			245/270	Event # = 20804	
BCS 14:36	14:36	14:36	CaPeak.c/s=19	FePeak=14:36	FePeak.c/s=6 #Peaks=1 XEN=24303
UVSP 14:33			Wavelength=3095A	Exp #=10777	Rast=240"x240" Step=3" Pitch=-183", Yaw=+542"
Event # = 20397 80/08/30, 19:07 Start	DOY=243 Peak	End times	SMM Pointing:		Pitch=-107", Yaw=+596", Roll=0deg H. Ang=39deg
Optical			Ha...Class=SF	AR2645	Mac.=FKI Carr. Lon.=299deg H. Ang=42deg
GOES 19:04	19:07	19:10	Importance=C3		
BCS 18:57	19:08	19:15	CaPeak.c/s=50	FePeak=19:08	dt= 3.2s XEN=24304
FCS 19:08	19:08		Peak3...c/s=310	Exp #=10786	Rast=0"x0" Cad=30.7s 30.72s/pixel
HXIS 19:06	19:06		Peak...c/s=84		
UVSP 19:03			Wavelength=1549A	Code=00	Rast=240"x240" Step=3" Pitch=-162", Yaw=+530"
Event # = 1172 80/08/30, 19:22 Start	DOY=243 Peak	End times	SMM Pointing:		Pitch=-107", Yaw=+596", Roll=0deg H. Ang=39deg
Optical			Ha...Class=SN		Carr. Lon.=3deg H. Ang=41deg
GOES 19:20	19:22	19:25	Importance=C1		
HXRBS 19:22:30	19:22:49	19:23:30	Peak...c/s=99	Exp #=10787	MaxkeV=56 Rast=90"x90" Step=3" Pitch=-119", Yaw=+604"
UVSP 19:09			Wavelength=1549A	Code=00	

Event # = 20398									
80/08/30, 20:38	Start	DOY=243	Peak	SMM Pointing:	N12E39		Pitch=-104", Yaw=+581", Roll=0deg	H. Ang=38deg	
GOES	20:33			End times	Qual=00		Rast=3"x3"	Step=0"	Pitch=-118", Yaw=+594"
UVSP	20:38	Extrap	St=08/30, 19:35	Wavelength=1546A	Exp #=10788				
C/P				PA=154deg					
80/08/31 DOY=244									
Event # = 1173									
80/08/31, 00:18	Start	DOY=244	Peak	SMM Pointing:	N12E37		Pitch=-104", Yaw=+567", Roll=0deg	H. Ang=37deg	
Optical				End times			Mac.=EKC	Carr. Lon.=297deg	H. Ang=39deg
GOES	00:10	00:18		Ha...Class=SN	N12E39	AR2646			
HXRBS	00:12:10	00:12:50	00:15:50	Importance=C2	Qual=01				
BCS	00:13	00:14	00:21	Peak...c/s=174	Qual=01	Tot Cts=6160			
HXIS				CaPeak.c/s=37	Qual=1	FePeak=00:13			XEN=24400
UVSP	23:57	00:13		Peak...c/s=80		Exp #=10798			
Radio				Wavelength=1547A	Code=00		Rast=39"x39"	Pitch=-98", Yaw=+596"	
				Frequency(MHz)/Flux(sfu):	4995/19				
80/08/31 DOY=244									
Event # = 1174									
80/08/31, 03:16	Start	DOY=244	Peak	SMM Pointing:	N12E36		Pitch=-101", Yaw=+543", Roll=0deg	H. Ang=35deg	
GOES				End times					
HXRBS	03:16:05	03:16:30	03:17:10	Peak...c/s=85	Qual=00				
UVSP	03:10			Wavelength=1548A	Qual=01	Exp #=10806			
80/08/31 DOY=244									
Event # = 1175									
80/08/31, 08:46	Start	DOY=244	Peak	SMM Pointing:	N13E34		Pitch=-114", Yaw=+514", Roll=0deg	H. Ang=34deg	
GOES	08:20	08:46		Importance=C3	Qual=01				
HXRBS	08:40:55	08:41:15	08:41:55	Peak...c/s=94	Qual=01				
UVSP	08:44			Wavelength=1356A	Code=01	Exp #=10849			
80/08/31 DOY=244									
Event # = 1176									
80/08/31, 09:30	Start	DOY=244	Peak	SMM Pointing:	N13E33		Pitch=-117", Yaw=+505", Roll=0deg	H. Ang=33deg	
Optical				End times			Mac.=EKC	Carr. Lon.=301deg	H. Ang=30deg
GOES	09:15	09:30	09:48	Ha...Class=SB	N11E30	AR2646			
HXRBS	09:23:20	09:23:50	09:24:50	Importance=C3	Qual=04				
BCS	09:23	09:26	09:29	Peak...c/s=1255	Qual=01	Tot Cts=14220			
FCS				CaPeak.c/s=183	Qual=1	FePeak=09:26			XEN=24402
HXIS				Peak3...c/s=207			Rast=240"x240"	Step=15"	Cad= 524s 2.048s/pixel
UVSP	09:26	09:23		Peak...c/s=350		Exp #=10853			
Radio				Wavelength=1353A	Code=00		Rast=36"x36"	Pitch=-88", Yaw=+471"	
				Type/Intensity:					
				Frequency(MHz)/Flux(sfu):	245/250 410/330 606/700 1415/170 2695/250				
					Associated Event # = 1177				
HXRBS	09:25:00	09:25:35	09:28:25	Peak...c/s=1115	Qual=01	Tot Cts=27675			
UVSP	09:21			Wavelength=1350A		Exp #=10852			
							Rast=180"x180"	Pitch=-140", Yaw=+469"	

Event # = 1178	DOY=244	SMM Pointing:	N13E33	Pitch=-117", Yaw=+505", Roll=0deg	H. Ang=33deg
80/08/31, 10:01	Peak	End times			
GOES	09:59:05	10:00:20	Peak...c/s=94	MaxkeV=56	XEN=24404
HXRBS	10:01	10:03	CaPeak.c/s=31	FePeak.c/s=12	FePeak=10:01
BCS	10:01		Peak3...c/s=23	Rast=0"x0"	Cad=30.7s
FCS	10:02		Wavelength=1352A	Step=0"	Pitch=-105", Yaw=+466"
UVSP	10:00			Step=0"	
Event # = 1179	DOY=244	SMM Pointing:	N13E32	Pitch=-113", Yaw=+491", Roll=0deg	H. Ang=32deg
80/08/31, 11:00	Peak	End times			
GOES	10:59:30	11:02:30	Peak...c/s=51	MaxkeV=56	
HXRBS	10:58		Wavelength=1350A	Rast=180"x180"	Pitch=-139", Yaw=+444"
UVSP				Step=3"	
Event # = 1180	DOY=244	SMM Pointing:	N13E32	Pitch=-116", Yaw=+490", Roll=0deg	H. Ang=32deg
80/08/31, 12:39	Peak	End times			
GOES	12:37:40	12:42:35	Peak...c/s=99	MaxkeV=267	
HXRBS	12:39		Wavelength=1353A	Rast=36"x36"	Pitch=-104", Yaw=+441"
UVSP				Step=3"	
Event # = 1181	DOY=244	SMM Pointing:	N13E32	Pitch=-116", Yaw=+490", Roll=0deg	H. Ang=32deg
80/08/31, 12:53	Peak	End times			
Optical				Mac.=EKC	H. Ang=28deg
GOES	12:49	12:57	Ha...Class=SB	MaxkeV=499	Flags=M
HXRBS	12:47:55	12:48:50	Importance=M2	FePeak.c/s=526	Dur=49sec
GRS	12:48:31	12:49:20	Peak...c/s=7360	Rast=120"x120"	XEN=24405
BCS	12:48	12:54	Max.E.MeV= 0.5	Step=15"	Cad=65.5s
FCS	12:52	12:54	CaPeak.c/s=1196	Step=0"	Pitch=-91", Yaw=+450"
HXIS	12:53		Peak3...c/s=3873		
UVSP	12:51		Peak...c/s=2245		
Radio	12:52		Wavelength=1352A		
	Frequency (MHz)/Flux(sfu):		245/2300 1415/300 8800/910		
HXRBS	08:23:40	08:24:00	Peak...c/s=63	MaxkeV=55	
UVSP	08:09		Wavelength=1349A	Rast=120"x120"	Pitch=-450", Yaw=-827"
			Associated	Step=3"	
HXRBS	12:51:00	12:52:15	Peak...c/s=3673	MaxkeV=499	Pitch=-104", Yaw=+439"
UVSP	12:49		Wavelength=1353A	Rast=36"x36"	
			Associated	FePeak.c/s=14	XEN=24406
BCS	12:54	12:56	CaPeak.c/s=118	Step=15"	Cad=65.5s
FCS	12:55		Peak3...c/s=1216	Step=3"	Pitch=-104", Yaw=+439"
UVSP	12:53		Wavelength=1353A		
Event # = 1183	DOY=244	SMM Pointing:	N13E32	Pitch=-116", Yaw=+490", Roll=0deg	H. Ang=32deg
80/08/31, 13:02	Peak	End times			
Optical				Mac.=EAI	H. Ang=35deg
GOES	13:02:35	13:03:35	Peak...c/s=65	MaxkeV=56	
HXRBS	12:58		Wavelength=1353A	Rast=36"x36"	Pitch=-104", Yaw=+438"
UVSP				Step=3"	

Event # = 20693	DOY=245	SMM Pointing:	N13E23	Pitch=-103", Yaw=+364", Roll=0deg	H. Ang=23deg
80/09/01 03:01	Start	End times	Qual=00		
GOES	02:55	Wavelength=1399A	Observations compromised by artifact		
UVSP	03:01	PA=51deg			
C/P					
Event # = 1188	DOY=245	SMM Pointing:	N13E23	Pitch=-103", Yaw=+364", Roll=0deg	H. Ang=23deg
80/09/01 03:46	Start	End times	S07E22		
Optical			Ha...Class=SF		
GOES	03:44	03:52	Importance=C1		
HXRBS	03:45:20	03:45:35	Peak...c/s=70		
UVSP	03:05	03:45:45	Code=00		
Radio	Frequency(MHz)/Flux(sfu):	8800/19 15400/24			
Event # = 20400	DOY=245	SMM Pointing:	N13E23	Pitch=-107", Yaw=+359", Roll=0deg	H. Ang=23deg
80/09/01 04:36	Start	End times	Qual=04		
GOES	04:31	04:43	Importance=C1		
BCS	04:36	04:39	CaPeak.c/s=24		
FCS	04:37		Peak3...c/s=123		
UVSP	04:35	04:37	Code=00		
Event # = 1189	DOY=245	SMM Pointing:	N13E23	Pitch=-107", Yaw=+359", Roll=0deg	H. Ang=23deg
80/09/01 05:26	Start	End times	Qual=01		
Optical			Ha...Class=SB		
GOES	05:18	05:35	Importance=C7		
HXRBS	05:21:00	05:27:20	Peak...c/s=161		
UVSP	04:40	05:23:45	Code=00		
Event # = 1190	DOY=245	SMM Pointing:	N13E21	Pitch=-103", Yaw=+338", Roll=0deg	H. Ang=22deg
80/09/01 06:41	Start	End times	S03E32		
Optical			Ha...Class=SF		
GOES	06:40	06:43	Importance=C1		
HXRBS	06:39:44	06:40:32	Peak...c/s=71		
UVSP	06:26	06:40:16	Code=00		
Radio	Type/Intensity:	111/2 V/2			
Radio	Frequency(MHz)/Flux(sfu):	245/270 410/33			
Event # = 1191	DOY=245	SMM Pointing:	N13E21	Pitch=-103", Yaw=+338", Roll=0deg	H. Ang=22deg
80/09/01 07:02	Start	End times	S07E20		
Optical			Ha...Class=SN		
GOES	06:59	07:05	Importance=C2		
HXRBS	07:01:31	07:01:58	Peak...c/s=85		
UVSP	06:26	07:01:40	Code=00		
Radio	Type/Intensity:	V/2			
Radio	Frequency(MHz)/Flux(sfu):	245/520 8800/22			

Event # = 1192									
80/09/01,09:21	DOY=245		SMM Pointing:	N13E20		Pitch=-101",Yaw=+311",Roll=0deg	H.Ang=20deg		
Start	Peak	End times	Importance=C1	Qual=04					
GOES 09:15	09:21	09:26	Peak...c/s=84	Qual=01					
HXRBS 09:21:03	09:21:11	09:21:23	Wavelength=1332A	Code=00					
UVSP 09:18					Exp #=11015	MaxkeV=56			
						Rast=3"x43"	Step=10"	Pitch=-85"	Yaw=+279"
Event # = 1193									
80/09/01,09:47	DOY=245		SMM Pointing:	N13E20		Pitch=-101",Yaw=+311",Roll=0deg	H.Ang=20deg		
Start	Peak	End times	Importance=C3	Qual=01					
GOES 09:36	09:47	09:56	Peak...c/s=90	Qual=01					
HXRBS 09:37:51	09:39:14	09:47:51	CaPeak.c/s=64	Qual=1					
BCS 09:38	09:42	10:02	Peak3...c/s=345		FePeak=09:42	MaxkeV=56			
FCS 09:44	09:44		Peak...c/s=107			Rast=120"x120"	#Peaks=1	dt= 3.2s	XEN=24505
HXIS 09:58	09:41		Wavelength=1485A			Rast=120"x120"	Step=15"	Cad=65.5s	1.024s/pixel
UVSP 09:58					Exp #=11019	Rast=3"x43"	Step=10"	Pitch=-85"	Yaw=+274"
Event # = 1194									
80/09/01,11:27	DOY=245		SMM Pointing:	N13E19		Pitch=-105",Yaw=+309",Roll=0deg	H.Ang=20deg		
Start	Peak	End times	Importance=C2	Qual=01					
GOES 11:19	11:27	11:41	Peak...c/s=86	Qual=01					
HXRBS 11:22:48	11:23:02	11:23:48	Wavelength=1544A	Code=00					
UVSP 11:25					Exp #=11027	MaxkeV=56	Flags=AX		
						Rast=3"x3"	Step=0"	Pitch=-75"	Yaw=+246"
Event # = 1195									
80/09/01,13:04	DOY=245		SMM Pointing:	N13E18		Pitch=-102",Yaw=+287",Roll=0deg	H.Ang=19deg		
Start	Peak	End times	Ha...Class=SB	N20E47					
Optical			Importance=C5	Qual=01		Mac.=DAO	Carr. Lon.=269deg	H.Ang=47deg	
GOES 12:51	13:04	13:08	Peak...c/s=86	Qual=01					
HXRBS 12:55:00	12:56:03	12:56:55	Wavelength=1547A	Code=00		MaxkeV=56	Flags=AX		
UVSP 12:39					Exp #=11034	Rast=120"x120"	Step=3"	Pitch=-97"	Yaw=+233"
Event # = 1196									
80/09/01,14:10	DOY=245		SMM Pointing:	N13E17		Pitch=-99",Yaw=+268",Roll=0deg	H.Ang=17deg		
Start	Peak	End times	Ha...Class=SN	N11E18					
Optical			Ha...Class=SN	S06E15		Mac.=EKI	Carr. Lon.=298deg	H.Ang=18deg	
GOES 14:08	14:10	14:24	Importance=C3	Qual=01			Carr. Lon.=301deg	H.Ang=20deg	
HXRBS 14:10:34	14:10:41	14:10:52	Peak...c/s=70	Qual=01					
BCS 14:04	14:10	14:20	CaPeak.c/s=43	Qual=1	FePeak=14:10	MaxkeV=56	#Peaks=1	dt= 3.2s	XEN=24508
FCS 14:16	14:16		Peak3...c/s=287			Rast=0"x0"	Step=0"	Cad=30.7s	30.72s/pixel
HXIS 14:07	14:09		Peak...c/s=88			Rast=240"x240"	Step=3"	Pitch=-157"	Yaw=+206"
UVSP 14:07			Wavelength=1547A	Code=00	Exp #=11036				
Event # = 1197									
80/09/01,17:26	DOY=245		SMM Pointing:	N13E16		Pitch=-101",Yaw=+250",Roll=0deg	H.Ang=16deg		
Start	Peak	End times	Ha...Class=SN	S06E19					
Optical			Ha...Class=SF	N11E18		Mac.=EKI	Carr. Lon.=295deg	H.Ang=23deg	
GOES 17:21	17:26	17:29	Importance=C1	Qual=01			Carr. Lon.=296deg	H.Ang=18deg	
HXRBS 17:23:55	17:24:40	17:25:15	Peak...c/s=179	Qual=01					
UVSP 17:22			Wavelength=1549A	Code=00	Tot Cts=1920	MaxkeV=129	Step=3"	Pitch=-156"	Yaw=+178"
					Exp #=11043	Rast=240"x240"			

Event # = 1198									
80/09/01	19:04	Start	DOY=245	Peak	SMM Pointing:	N13E15	Pitch=-101", Yaw=+236", Roll=0deg	H. Ang=16deg	
Optical	18:53	19:04	19:09	End times	Ha...Class=SN	S10E15	Mac.=EKI	H. Ang=23deg	
GOES	18:54:15	18:55:05	18:56:35		Importance=C2	Qual=01			
HXRBS	18:54:15	18:55:05	18:56:35		Peak...c/s=122	Qual=01			
UVSP	18:58				WaveLength=1549A	Code=00			
Radio	Frequency(MHz)/Flux(sfu):				4995/20 8800/9				
Event # = 1199									
80/09/01	22:33	Start	DOY=245	Peak	SMM Pointing:	N13E12	Pitch=-97", Yaw=+199", Roll=0deg	H. Ang=13deg	
Optical	22:31	22:33	22:35	End times	Ha...Class=SF	N16E84		H. Ang=82deg	
GOES	22:32:55	22:33:15	22:34:15		Importance=C1	Qual=01			
HXRBS	22:32:55	22:33:15	22:34:15		Peak...c/s=130	Qual=01			
UVSP	22:14				WaveLength=1403A	Code=00			
80/09/02 DOY=246									
80/09/02	00:18	Start	DOY=246	Peak	SMM Pointing:	N13E12	Pitch=-96", Yaw=+186", Roll=0deg	H. Ang=13deg	
Optical	00:14	00:18	00:21	End times	Ha...Class=SF	N16E83		H. Ang=81deg	
GOES	00:15:40	00:16:25	00:18:40		Importance=C2	Qual=01			
HXRBS	00:15:40	00:16:25	00:18:40		Peak...c/s=147	Qual=01			
UVSP	23:49				WaveLength=1403A	Code=00			
Event # = 20694									
80/09/02	06:11	Start	DOY=246	Peak	SMM Pointing:	N13E12	Pitch=-96", Yaw=+186", Roll=0deg	H. Ang=13deg	
GOES	06:11	06:11	06:11	End times	Qual=00				
C/P	06:11	06:11	06:11	End times	Complex loops inside front				
80/09/03 DOY=247									
80/09/03	01:39	Start	DOY=247	Peak	SMM Pointing:	N11W03	Pitch=-1619", Yaw=-2187", Roll=-47deg	H. Ang=5deg	
Optical	01:37	01:39	01:51	End times	Ha...Class=SN	Qual=01	Mac.=EKI		
GOES	01:35:50	01:36:15	01:36:50		Importance=C1	Qual=01			
HXRBS	01:35:50	01:36:15	01:36:50		Peak...c/s=120	Qual=01			
UVSP	01:38:00	01:38:30	01:39:00		Associated Event # = 1202				
Event # = 1203									
80/09/03	03:19	Start	DOY=247	Peak	SMM Pointing:	N16E73	Pitch=+781", Yaw=+1941", Roll=-45deg	H. Ang=72deg	
Optical	03:16	03:19	03:22	End times	Ha...Class=SF	Qual=01	Mac.=EAO		
GOES	03:16:55	03:18:20	03:18:55		Importance=C2	Qual=01			
HXRBS	03:16:55	03:18:20	03:18:55		Peak...c/s=71				
Event # = 1204									
80/09/03	05:16	Start	DOY=247	Peak	SMM Pointing:	N99W99	Pitch=+1857", Yaw=+3787", Roll=-46deg	H. Ang=81deg	
Optical	05:09	05:16	05:28	End times	Ha...Class=SB	Qual=01			
GOES	05:10:45	05:12:30	05:14:00		Importance=C6	Qual=01			
HXRBS	05:10:45	05:12:30	05:14:00		Peak...c/s=82				
UVSP									

Event # = 1205									
80/09/03,06:37	Start	DOY=247	Peak	End times	SMM Pointing:			Pitch=-1852", Yaw=-2586", Roll=-46deg	
Optical					Ha...Class=SF				
GOES	06:33	06:37	06:41		Importance=C2			Mac.=EKC	Carr. Lon.=302deg H. Ang=17deg
HXRBS	06:33:40	06:35:20	06:36:20		Peak...c/s=60			MaxkeV=56	
UVSP									Pitch=-56", Yaw=-73"
Event # = 1206									
80/09/03,14:26	Start	DOY=247	Peak	End times	SMM Pointing:			Pitch=-1863", Yaw=-2607", Roll=-49deg	
Optical					Ha...Class=SN				
GOES	14:19	14:26	14:31		Importance=C4				
HXRBS	14:20:30	14:21:20	14:22:10		Peak...c/s=285				
Radio	Frequency(MHz)/Flux(sfu):	4995/23	8800/59					MaxkeV=129	Flags=M Carr. Lon.=301deg H. Ang=19deg
Event # = 1207									
80/09/03,17:23	Start	DOY=247	Peak	End times	SMM Pointing:			Pitch=-2", Yaw=-2", Roll=39deg	H. Ang=0deg
Optical					Ha...Class=SN				
GOES	17:16	17:23	17:32		Importance=C3				
HXRBS	17:36:15	17:37:05	17:37:30		Peak...c/s=110				
Event # = 1208									
80/09/03,18:59	Start	DOY=247	Peak	End times	SMM Pointing:			Pitch=+0", Yaw=-3", Roll=0deg	H. Ang=0deg
Optical					Ha...Class=SN				
GOES	18:57	18:59	19:02		Importance=C1				
HXRBS	18:58:55	18:59:30	18:59:45		Peak...c/s=104				
Event # = 1209									
80/09/03,21:00	Start	DOY=247	Peak	End times	SMM Pointing:			Pitch=+0", Yaw=-3", Roll=0deg	H. Ang=0deg
Optical					Ha...Class=SN				
GOES	20:50	21:00	21:15		Importance=C6				
HXRBS	20:51:10	20:56:30	21:00:10		Peak...c/s=121				
Radio	Sweeps	Type/Intensity:			III/2			MaxkeV=56	
Event # = 1210									
80/09/04,02:03	Start	DOY=248	Peak	End times	SMM Pointing:			Pitch=+0", Yaw=-4", Roll=0deg	H. Ang=0deg
Optical					Ha...Class=28				
Optical					Ha...Class=SF				
GOES	01:54	02:03	02:41		Importance=M6				
HXRBS	01:55:05	02:01:20	02:08:20		Peak...c/s=12860				
Radio	Sweeps	Type/Intensity:			II/1 IV/1				
Radio	Frequency(MHz)/Flux(sfu):	606/350	1415/280	2695/410	4995/1500	8800/1200	15400/710		
Event # = 1211									
80/09/04,02:48	Start	DOY=248	Peak	End times	SMM Pointing:			Pitch=+2", Yaw=-7", Roll=0deg	H. Ang=0deg
Optical					Ha...Class=SN				
GOES	02:47	02:48	02:49		Importance=C3				
HXRBS	02:46:35	02:48:55	02:49:25		Peak...c/s=73				
Radio	Frequency(MHz)/Flux(sfu):	606/250	1415/26					MaxkeV=56	

Event # = 1219									
80/09/07,03:21		DOY=251		80/09/07		DOY=251			
Optical		SMM Pointing:		N07W00		Pitch=+2",Yaw=-6",Roll=0deg		H.Ang=0deg	
GOES		03:17 03:21 03:25		Ha...Class=SB N21W25		AR2655		Mac.=EKI Carr.Lon.=267deg H.Ang=28deg	
HXRBS		03:22:30 03:23:40 03:26:15		Importance=C3 Qual=04				MaxkeV=130	
UVSP		02:38		Peak...c/s=287 Qual=01		Tot Cts=5625		Flags=M	
Radio Sweeps		Type/Intensity:		Wave length=1309A Code=00		Exp #=11165		Step=0" Pitch=+32",Yaw=-106"	
Radio		Frequency(MHz)/Flux(sfu):		410/45 2695/10 4995/11 8800/29 15400/16					
Event # = 1220									
80/09/08,05:05		DOY=252		80/09/08		DOY=252			
Optical		SMM Pointing:		N07W00		Pitch=+0",Yaw=-4",Roll=0deg		H.Ang=0deg	
GOES		04:59 05:05 05:13		Ha...Class=SB N15E84		AR2665		Mac.=EHO Carr.Lon.=144deg H.Ang=82deg	
HXRBS*		05:01:05 05:03:50 05:09:30		Importance=M3 Qual=01				MaxkeV=267	
GRS		05:03:38		Peak...c/s=3346 Qual=01		Tot Cts=1.99E+5		Nuclear.Line=N	
UVSP		04:24		Max.E..MeV= 0.5		Exp #=11211		Dur=49sec	
Radio Sweeps		Type/Intensity:		Wave length=1548A Code=00		Step=3" Pitch=-65",Yaw=-52"			
Radio		Frequency(MHz)/Flux(sfu):		245/390 410/94 1415/12 2695/48 4995/91 8800/160 15400/140					
Event # = 1221									
80/09/08,05:30		DOY=252		80/09/08		DOY=252			
Optical		SMM Pointing:		N07W00		Pitch=+0",Yaw=-4",Roll=0deg		H.Ang=0deg	
GOES		05:22 05:30 06:01		Ha...Class=SB S09W70		AR2645		Mac.=DKI Carr.Lon.=298deg H.Ang=72deg	
HXRBS*		05:45:10 05:45:20 05:46:45		Importance=M8 Qual=05				MaxkeV=56	
UVSP		05:46		Peak...c/s=78 Qual=01		Exp #=11212		Rast=3"x3" Step=0" Pitch=-65",Yaw=-52"	
Radio Sweeps		Type/Intensity:		Wave length=1543A					
Radio		Frequency(MHz)/Flux(sfu):		245/350 606/36 1415/77 2695/130 4995/230 8800/560 15400/400					
Event # = 1222									
80/09/08,10:42		DOY=252		80/09/08		DOY=252			
Optical		SMM Pointing:		N07W01		Pitch=+4",Yaw=-9",Roll=0deg		H.Ang=1deg	
GOES		10:39 10:42 10:43		Ha...Class=SF N19W11		AR2657		Mac.=CH0 Carr.Lon.=236deg H.Ang=16deg	
HXRBS*		10:43:20 10:43:50 10:44:30		Importance=C2 Qual=01				MaxkeV=56	
Radio		Type/Intensity:		III/2					
Radio		Frequency(MHz)/Flux(sfu):		245/350 606/36 1415/77 2695/130 4995/230 8800/560 15400/400					
Event # = 1223									
80/09/08,14:44		DOY=252		80/09/08		DOY=252			
GOES		14:41 14:44 14:48		SMM Pointing:		N07W00		Pitch=-3",Yaw=+2",Roll=0deg H.Ang=0deg	
HXRBS*		14:47:25 14:48:20 14:49:00		Importance=C2 Qual=02				MaxkeV=56	
Radio		Type/Intensity:		Peak...c/s=135 Qual=01		Tot Cts=2945			
Radio		Frequency(MHz)/Flux(sfu):		1415/23 4995/17 8800/25					
Event # = 1224									
80/09/09,01:49		DOY=253		80/09/09		DOY=253			
Optical		SMM Pointing:		N07W00		Pitch=+4",Yaw=-8",Roll=0deg		H.Ang=1deg	
GOES		01:44 01:49 01:53		Ha...Class=SB N14W14		AR2657		Mac.=CH0 Carr.Lon.=231deg H.Ang=15deg	
HXRBS*		01:50:50 01:51:30 01:52:30		Importance=C2 Qual=01				MaxkeV=56	
UVSP		00:55		Peak...c/s=67 Qual=01		Exp #=11256		Rast=180"x1" Step=0" Pitch=-92",Yaw=-105"	
Radio		Type/Intensity:		Wave length=1537A Code=00					
Radio		Frequency(MHz)/Flux(sfu):		245/390 410/94 1415/12 2695/48 4995/91 8800/160 15400/140					

Event # = 1225		DOY=253		SMM Pointing:		S06W85		Pitch=+112", Yaw=-945", Roll=0deg		H.Ang=85deg	
80/09/09, 15:35		Peak		End times		Qual=01					
GOES		15:35		15:37		Importance=C2					
HXRBS*		15:32:25		15:35:00		Peak...c/s=80					
UVSP		15:13				Wavelength=2832A					
Exp # = 11268											
MaxkeV=56											
Rast=180"x1"											
Step=0"											
Pitch=+21", Yaw=-1053"											

Event # = 20404		DOY=253		SMM Pointing:		S06W87		Pitch=+113", Yaw=-947", Roll=0deg		H.Ang=87deg	
80/09/09, 19:50		Peak		End times		AR2645					
Optical											
GOES		18:50		20:31		Ha...Class=SN					
BCS		18:54		19:04		Importance=C7					
FCS						CaPeak.c/s=100					
UVSP		20:07				Peak3...c/s=134					
Wavelength=1547A											
Associated											
S06W90											
Qual=05											
Carr. Lon.=297deg											
Mac.=DKO											
FePeak.c/s=20											
Rast=0"x0"											
Step=0"											
Pitch=+56", Yaw=-1020"											

Event # = 20405		AR2645		FePeak=19:04		dt= 1.1s		XEN=25309			
Exp # = 11278								Cad=30.7s		30.72s/pixel	
FePeak=19:04								Pitch=+56", Yaw=-1020"			
Step=0"											
Carr. Lon.=297deg								H.Ang=91deg			
Mac.=DKO											
FePeak.c/s=8								XEN=25300			
Rast=0"x0"								Cad=30.7s		30.72s/pixel	
Step=0"											

Event # = 20807		DOY=253		SMM Pointing:				Pitch=+115", Yaw=-950", Roll=0deg			
80/09/09, 20:23		Peak		End times							
GOES		20:23		20:23		CaPeak.c/s=18		#Peaks=1		XEN=25303	
BCS		20:23		20:23		Wavelength=1550A		Step=3"		Pitch=+56", Yaw=-1020"	
UVSP		20:09									
FePeak=20:23											
Rast=240"x240"											
#Peaks=1											
Step=3"											
Pitch=+56", Yaw=-1020"											

Event # = 20808		DOY=253		SMM Pointing:				Pitch=+115", Yaw=-950", Roll=0deg			
80/09/09, 20:25		Peak		End times							
GOES		20:25		20:25		CaPeak.c/s=19		#Peaks=1		XEN=25304	
BCS		20:25		20:25		Wavelength=1550A		Step=3"		Pitch=+105", Yaw=-946"	
UVSP		20:23									
FePeak=20:25											
Rast=9"x9"											
#Peaks=1											
Step=3"											
Pitch=+105", Yaw=-946"											

Event # = 20809		DOY=253		SMM Pointing:				Pitch=+115", Yaw=-950", Roll=0deg			
80/09/09, 20:27		Peak		End times							
GOES		20:27		20:27		CaPeak.c/s=20		#Peaks=1		XEN=25305	
BCS		20:27		20:27		Peak3...c/s=107		Step=0"		Cad=30.7s 30.72s/pixel	
FCS						Wavelength=1550A		Step=3"		Pitch=+105", Yaw=-946"	
UVSP		20:23									
FePeak=20:27											
Rast=9"x9"											
#Peaks=1											
Step=3"											
Cad=30.7s											
Pitch=+105", Yaw=-946"											

Event # = 20811		DOY=253		SMM Pointing:				Pitch=+115", Yaw=-950", Roll=0deg			
80/09/09, 20:35		Peak		End times							
GOES		20:30		20:56		Importance=C2		#Peaks=1		XEN=25307	
BCS		20:36		20:36		CaPeak.c/s=18		Step=3"		Pitch=+105", Yaw=-946"	
UVSP		20:23				Wavelength=1550A					
FePeak=20:36											
Rast=9"x9"											
#Peaks=1											
Step=3"											
Pitch=+105", Yaw=-946"											

Event # = 20812		DOY=253		SMM Pointing:				Pitch=+115", Yaw=-950", Roll=0deg			
80/09/09, 20:38		Peak		End times							
GOES		20:31		20:31		CaPeak.c/s=20		#Peaks=1		XEN=25306	
BCS		20:31		20:38		Wavelength=1550A		Step=3"		Pitch=+105", Yaw=-946"	
UVSP		20:23									
FePeak=20:31											
Rast=9"x9"											
#Peaks=1											
Step=3"											
Cad=30.7s											
Pitch=+105", Yaw=-946"											

Event # = 20812		DOY=253		SMM Pointing:				Pitch=+115", Yaw=-950", Roll=0deg			
80/09/09, 20:38		Peak		End times							
GOES		20:31		20:38		CaPeak.c/s=18		#Peaks=1		XEN=25308	
BCS		20:38		20:38		Wavelength=1550A		Step=3"		Pitch=+105", Yaw=-946"	
UVSP		20:23									
FePeak=20:38											
Rast=9"x9"											
#Peaks=1											
Step=3"											
Cad=30.7s											
Pitch=+105", Yaw=-946"											

Event # = 1226									
80/09/09,23:21		DOY=253	SMM Pointing:			Pitch=+117", Yaw=-952", Roll=0deg			
Start		Peak	End times						
GOES	23:20	23:21	23:29			Qual=01			
HXRBS	23:20:45	23:21:35	23:22:40			Importance=C1			
UVSP	23:20					Peak...c/s=75			
						Wavelength=1549A			
						Code=00			
						Exp #=11285			
						MaxkeV=56			
						Rast=240"x240"			
						Step=3"			
						Pitch=+56", Yaw=-1020"			
Event # = 1227									
80/09/10,22:01		DOY=254	SMM Pointing:			Pitch=+117", Yaw=-951", Roll=0deg			
Start		Peak	End times						
Optical									
GOES	21:51	22:01	22:16			Ha...Class=IB			
HXRBS	21:52:40	21:57:35	22:09:50			N11E42			
UVSP	21:52					Qual=01			
						Importance=M1			
						Peak...c/s=310			
						Wavelength=1549A			
						Code=00			
						Exp #=11342			
						Tot Cts=34680			
						MaxkeV=56			
						Rast=90"x90"			
						Step=3"			
						Pitch=+81", Yaw=-952"			
						Radio Frequency(MHz)/Flux(sfu): 245/43 410/30 1415/48 2695/19 4995/23 8800/22			
Event # = 1228									
80/09/11,01:52		DOY=255	SMM Pointing:			Pitch=+118", Yaw=-953", Roll=0deg			
Start		Peak	End times						
Optical									
GOES	01:41	01:52	02:11			Ha...Class=SB			
HXRBS	01:42:55	01:46:15	01:48:00			N10E41			
UVSP	01:40					Qual=03			
						Importance=C4			
						Peak...c/s=72			
						Wavelength=1350A			
						Code=00			
						Exp #=11354			
						Tot Cts=2135			
						MaxkeV=56			
						Rast=240"x240"			
						Step=10"			
						Pitch=+34", Yaw=-1016"			
						Radio Frequency(MHz)/Flux(sfu): 4995/11 8800/14 15400/14			
Event # = 1229									
80/09/11,06:38		DOY=255	SMM Pointing:			Pitch=+119", Yaw=-954", Roll=0deg			
Start		Peak	End times						
Optical									
GOES	06:35	06:38	06:45			Ha...Class=SF			
HXRBS	06:34:45	06:35:30	06:36:05			S25W07			
UVSP	06:26					Qual=01			
						Importance=C2			
						Peak...c/s=104			
						Wavelength=1347A			
						Code=00			
						Exp #=11384			
						Tot Cts=2080			
						MaxkeV=56			
						Rast=240"x240"			
						Step=10"			
						Pitch=+34", Yaw=-1016"			
Event # = 1230									
80/09/11,07:48		DOY=255	SMM Pointing:			Pitch=+119", Yaw=-954", Roll=0deg			
Start		Peak	End times						
Optical									
Optical									
GOES	07:45	07:48	07:50			Ha...Class=1N			
HXRBS	07:48:40	07:48:50	07:49:55			N13E43			
UVSP	07:48					S10W56			
						Qual=01			
						Importance=C1			
						Peak...c/s=65			
						Wavelength=1347A			
						Code=02			
						Exp #=11391			
						AR2665			
						AR2666			
						Carr. Lon.=144deg			
						H. Ang=43deg			
						Carr. Lon.=243deg			
						H. Ang=58deg			
						MaxkeV=56			
						Rast=240"x240"			
						Step=10"			
						Pitch=+34", Yaw=-1016"			
Event # = 1231									
80/09/11,22:17		DOY=255	SMM Pointing:			Pitch=+361", Yaw=+10", Roll=0deg			
Start		Peak	End times						
Optical									
Optical									
GOES	22:12	22:17	22:22			Ha...Class=SF			
HXRBS	22:15:00	22:16:00	22:16:00			S13E79			
UVSP	21:42					Qual=01			
						Importance=C3			
						Peak...c/s=106			
						Wavelength=1547A			
						Code=00			
						Exp #=11425			
						Tot Cts=780			
						MaxkeV=56			
						Rast=240"x240"			
						Step=3"			
						Pitch=+281", Yaw=-62"			

Event # = 1238									
80/09/20,14:05	DOY=264	Peak	End times	SMM Pointing:	S12W55	Pitch=-764" ,Yaw=+264" ,Roll=-90deg H.Ang=58deg			
GOES 13:59	14:05	14:11	14:11	Importance=C1	Qual=02				
HXRBS 14:09:49	14:09:58	14:10:20	14:10:20	Peak...c/s=101	Qual=01				
UVSP 14:01				Wavelength=1549A	Code=00	Tot Cts=509	Flags=NS	H.Ang=58deg	
Event # = 1239									
80/09/20,19:42	DOY=264	Peak	End times	SMM Pointing:	N45E70	Pitch=-635" ,Yaw=-642" ,Roll=-90deg H.Ang=71deg			
GOES 19:31	19:42	19:50	19:50	Importance=C4	Qual=04				
HXRBS 19:38:45	19:40:40	19:41:45	19:41:45	Peak...c/s=95	Qual=01				
UVSP 19:40				Wavelength=1212A	Code=00	MaxkeV=57	H.Ang=71deg		
Radio	Frequency(MHz)/Flux(sfu):	4995/10	8800/27			Rast=10"x10"	Step=0"	Pitch=-763" ,Yaw=-791"	
Event # = 1240									
80/09/20,20:16	DOY=264	Peak	End times	SMM Pointing:	N45E70	Pitch=-635" ,Yaw=-642" ,Roll=-90deg H.Ang=71deg			
Optical				Ha...Class=SF	S15W50	Mac.=DS0	Carr.Lon.=111deg	H.Ang=71deg	
GOES 20:11	20:16	20:22	20:22	Importance=C3	Qual=01				
HXRBS 20:13:15	20:14:30	20:17:10	20:17:10	Peak...c/s=163	Qual=01	H.Ang=54deg			
UVSP 20:15				Wavelength=1640A	Code=00	MaxkeV=57	H.Ang=54deg		
Event # = 1241									
80/09/20,21:21	DOY=264	Peak	End times	SMM Pointing:	N45E70	Pitch=-636" ,Yaw=-642" ,Roll=-90deg H.Ang=71deg			
Optical				Ha....Class=SF	N08E12	Mac.=CR0	Carr.Lon.=49deg	H.Ang=71deg	
GOES 21:19:50	21:21:55	21:27:05	21:27:05	Peak...c/s=185	Qual=01	MaxkeV=268	Flags=AX	H.Ang=12deg	
HXRBS 21:20				Wavelength=1212A		Rast=10"x10"	Step=0"	Pitch=-571" ,Yaw=-600"	
Event # = 1242									
80/09/20,23:44	DOY=264	Peak	End times	SMM Pointing:	S33E14	Pitch=-194" ,Yaw=+613" ,Roll=-90deg H.Ang=42deg			
GOES 23:42:50	23:44:30	23:45:45	23:45:45	Peak...c/s=65	Qual=00	MaxkeV=57	H.Ang=42deg		
HXRBS 23:36				Wavelength=1371A	Qual=01	Rast=180"x180"	Step=10"	Pitch=-218" ,Yaw=+579"	
Event # = 1243									
80/09/21,01:17	DOY=265	Peak	End times	SMM Pointing:	S33E13	Pitch=-182" ,Yaw=+612" ,Roll=-90deg H.Ang=42deg			
Optical				Ha...Class=SN	N09E13	Mac.=DS0	Carr.Lon.=46deg	H.Ang=13deg	
GOES 01:09	01:17	01:19	01:19	Importance=C1	Qual=01	MaxkeV=57	H.Ang=13deg		
HXRBS 01:11:15	01:11:40	01:12:25	01:12:25	Peak...c/s=69	Qual=01	Rast=180"x180"	Step=10"	Pitch=-201" ,Yaw=+579"	
UVSP 01:13				Wavelength=1371A	Code=00				
Radio	Sweeps	Type/Intensity:	111/2						
Radio	Frequency(MHz)/Flux(sfu):	245/37	410/21	606/19					
Event # = 5480									
80/09/21,10:59	DOY=265	Peak	End times	SMM Pointing:	S33E08	Pitch=-106" ,Yaw=+614" ,Roll=-90deg H.Ang=41deg			
GOES 10:57	10:59	11:02	11:02	Importance=C1	Qual=01				
HXRBS 10:58:03	10:58:18	10:59:35	10:59:35	Peak...c/s=99	Qual=01	MaxkeV=57	Flags=EW	H.Ang=41deg	
UVSP 10:43				Wavelength=1549A	Code=00	Rast=9"x9"	Step=3"	Pitch=-120" ,Yaw=+617"	

80/09/22 DOY=266									
Event # = 1244	DOY=266	SMM Pointing:			S33W05	Pitch=+69", Yaw=+615", Roll=-90deg		H.Ang=40deg	
80/09/22, 05:43	Peak	End times							
GOES 05:37	05:43	06:17			Qual=01				
HXRBS 05:39:00	05:40:00	05:42:00			Qual=01				
UVSP 05:41	Type/Intensity:		Tot Cts=6480		Step=3"		Pitch=+1", Yaw=+602"		
Radio Sweeps	111/2		Exp #=12097						
Radio Frequency (MHz)/Flux(sfu):	245/490 410/45 606/17								
Event # = 5481	DOY=266	SMM Pointing:			S33W07	Pitch=+93", Yaw=+614", Roll=-90deg		H.Ang=40deg	
80/09/22, 08:56	Peak	End times							
HXRBS 08:56:14	08:56:28	08:56:41			Qual=01	Flags=1		Step=4"	
UVSP 08:52	Wavelength=1547A		Tot Cts=1060		Step=4"		Pitch=+26", Yaw=+633"		
	Exp #=12103								
Event # = 20813	DOY=266	SMM Pointing:			S17E63	Pitch=-816", Yaw=+328", Roll=-90deg		H.Ang=67deg	
80/09/22, 16:20	Peak	End times							
Optical	Ha...Class=1B		AR2691		Mac.=CS0		H.Ang=9deg		
Optical	Ha...Class=SF		AR2680		Carr. Lon.=46deg		H.Ang=41deg		
GOES 16:15	16:20	17:00		Qual=05	#Peaks=1		XEN=26600		
BCS 16:23	16:23	16:24		Qual=5	FePeak.c/s=8		Step=0"		
FCS 16:24	CaPeak.c/s=19		FePeak=16:23		Cad=3840s		3840s/pixel		
UVSP 16:22	Peak3...c/s=21		Exp #=12119		Step=0"		Pitch=+189", Yaw=-290"		
	Wavelength=1399A								
Event # = 1245	DOY=266	SMM Pointing:			N07W00	Pitch=+0", Yaw=+0", Roll=-37deg		H.Ang=0deg	
80/09/22, 20:22	Peak	End times							
GOES 20:21	20:22	20:30			Qual=03	MaxkeV=57		Step=4"	
HXRBS 20:22:10	20:22:55	20:25:15			Qual=01	Rast=60"x60"		Pitch=+144", Yaw=+597"	
UVSP 19:45	Wavelength=1402A		Exp #=12127						
Event # = 20695	DOY=266	SMM Pointing:			N10W08	Pitch=-51", Yaw=-125", Roll=0deg		H.Ang=8deg	
80/09/22, 21:21	Peak	End times							
GOES 21:21	21:21	21:21			Qual=00	Rast=60"x60"		Step=4"	
UVSP 21:21	Wavelength=1402A		Exp #=12130		Pitch=-212", Yaw=-173"				
C/P 21:21	PA=68deg								
Event # = 1246	DOY=266	SMM Pointing:			N10W08	Pitch=-51", Yaw=-125", Roll=0deg		H.Ang=8deg	
80/09/22, 21:36	Peak	End times							
GOES 21:34	21:36	21:45			Qual=01	MaxkeV=57		Step=4"	
HXRBS 21:36:20	21:36:50	21:38:10			Qual=01	Rast=60"x60"		Pitch=-212", Yaw=-173"	
UVSP 21:21	Wavelength=1402A		Exp #=12130						
Event # = 20814	DOY=267	SMM Pointing:			N10W10	Pitch=-52", Yaw=-168", Roll=0deg		H.Ang=11deg	
80/09/23, 02:06	Peak	End times							
GOES 02:05	02:06	02:18			Qual=00	FePeak.c/s=15		#Peaks=1	
BCS 02:08	02:08	02:08			Qual=6	Rast=0"x0"		Step=0"	
FCS 01:58	CaPeak.c/s=214		FePeak=02:07		Cad=30.7s		30.72s/pixel		
UVSP 01:58	Peak3...c/s=41		Exp #=12139		Step=0"		Pitch=-167", Yaw=-200"		
	Wavelength=1388A								
80/09/23 DOY=267									

Event # = 1247									
80/09/23,02:25	DOY=267	Start	Peak	End times	SMM Pointing:	N10W10	Pitch=-52",Yaw=-168",Roll=0deg	H.Ang=11deg	
Optical					Ha...Class=SN				
GOES	02:20	02:25	02:39		Importance=C3	N18W13			
HXRBS	02:21:25	02:22:30	02:24:25		Peak...c/s=76	Qual=01	Mac.=EKI	Carr.Lon.=44deg	H.Ang=17deg
BCS	02:20	02:25	02:29		CaPeak.c/s=50	Qual=01	MaxkeV=57		
UVSP	02:09				Wavelength=1392A	Code=00	Rast=10"x10"	Step=0"	Pitch=-48",Yaw=-252"
Radio	Frequency (MHz)/Flux(sfu):				2695/9 4995/14 8800/12 15400/16	Exp #=12141			
BCS	02:29	02:32	02:39		CaPeak.c/s=44	Associated Event # = 20731			
Event # = 20408									
80/09/23,02:45	DOY=267	Start	Peak	End times	SMM Pointing:	N10W10	Pitch=-52",Yaw=-168",Roll=0deg	H.Ang=11deg	
Optical					Ha...Class=SN				
GOES	02:40	02:45	03:10		Importance=C4	N18W13			
BCS	02:22	02:44	02:51		CaPeak.c/s=58	Qual=03	Mac.=EKI	Carr.Lon.=44deg	H.Ang=17deg
FCS	02:34				Peak3...c/s=369	Qual=1	FePeak=02:42		
UVSP	02:44				Wavelength=1392A	Code=00	FePeak.c/s=14	#Peaks=3	dt=11.3s
Radio	Frequency (MHz)/Flux(sfu):				2695/9 4995/14 8800/12 15400/16	Exp #=12142	Rast=120"x120"	Step=15"	XEN=26705
							Rast=10"x10"	Step=0"	Cad=65.5s
									1.024s/pixel
									Pitch=-48",Yaw=-257"
Event # = 1248									
80/09/23,05:52	DOY=267	Start	Peak	End times	SMM Pointing:	N10W12	Pitch=-52",Yaw=-196",Roll=0deg	H.Ang=12deg	
Optical					Ha...Class=SF				
GOES	05:48	05:52	05:56		Importance=C2	S33W17	Mac.=EAI	Carr.Lon.=47deg	H.Ang=43deg
HXRBS	05:49:35	05:50:25	05:52:20		Peak...c/s=82	Qual=01	MaxkeV=57		
UVSP	05:41				Wavelength=1549A	Code=00	Rast=30"x30"	Step=3"	Pitch=-129",Yaw=-273"
Event # = 20817									
80/09/23,13:54	DOY=267	Start	Peak	End times	SMM Pointing:	N10W16	Pitch=-55",Yaw=-267",Roll=0deg	H.Ang=17deg	
Optical					Importance=C2				
GOES	13:45	13:54	14:33		CaPeak.c/s=19	Qual=03			
BCS	13:55	13:57	13:57		Wavelength=1547A	Code=00	FePeak.c/s=6	#Peaks=1	XEN=26706
UVSP	13:37						Rast=60"x60"	Step=3"	Pitch=-185",Yaw=-255"
BCS	14:00	14:00	14:00		CaPeak.c/s=19	Associated Event # = 20816	FePeak.c/s=7	#Peaks=1	XEN=26703
Event # = 1249									
80/09/23,21:53	DOY=267	Start	Peak	End times	SMM Pointing:	N17W22	Pitch=-175",Yaw=-350",Roll=0deg	H.Ang=24deg	
Optical					Importance=C1				
GOES	21:52:30	21:53:50	21:55:20		Peak...c/s=75	Qual=00	MaxkeV=57		
HXRBS	21:42				Wavelength=1549A	Qual=01	Rast=240"x240"	Step=3"	Pitch=-233",Yaw=-439"
UVSP							Exp #=12189		
Event # = 1250									
80/09/24,03:53	DOY=268	Start	Peak	End times	SMM Pointing:	N17W26	Pitch=-177",Yaw=-396",Roll=0deg	H.Ang=27deg	
Optical					Ha...Class=SF				
GOES	03:51	03:53	03:58		Importance=C1	S21E87	Mac.=CS0	Carr.Lon.=290deg	H.Ang=90deg
HXRBS	03:53:05	03:53:30	03:55:00		Peak...c/s=70	Qual=01	MaxkeV=57		
UVSP	03:50				Wavelength=1549A	Code=00	Rast=3"x3"	Step=0"	Pitch=-181",Yaw=-492"

Event # = 1257									
80/09/26, 15:22	DOY=270								
Optical	Start	End times	SMM Pointing:	N17W58				Pitch=-220", Yaw=-781", Roll=0deg	H. Ang=58deg
GOES	15:20	15:30	Ha...Class=SN	N18E77	AR2699			Mac.=CR0	Carr. Lon.=268deg
HRBS	15:17:45	15:21:00	Importance=C2	Qual=01				MaxkeV=57	H. Ang=76deg
UVSP	15:18	15:21:15	Peak...c/s=100	Qual=01	Tot Cts=840			Rast=60"x60"	
			Wavelength=1547A	Code=00	Exp #=12305			Step=3"	Pitch=-235", Yaw=-818"
Event # = 1258									
80/09/27, 02:01	DOY=271								
Optical	Start	End times	SMM Pointing:	N07W00				Pitch=-1", Yaw=+0", Roll=0deg	H. Ang=0deg
Optical			Ha...Class=SN	S15E37	AR2697			Mac.=DH0	Carr. Lon.=302deg
GOES	01:55	02:01	Ha...Class=SF	S33W50	AR2680				Carr. Lon.=29deg
HRBS	01:56:30	01:57:30	Importance=C2	Qual=01				MaxkeV=57	H. Ang=43deg
UVSP	01:59	01:58:35	Peak...c/s=90	Qual=01				Rast=3"x3"	H. Ang=62deg
			Wavelength=2912A	Code=00	Exp #=12371			Step=0"	Pitch=-6", Yaw=+40"
Event # = 1259									
80/09/27, 15:01	DOY=271								
Optical	Start	End times	SMM Pointing:	N17W70				Pitch=-242", Yaw=-864", Roll=0deg	H. Ang=69deg
GOES	14:59	15:01	Ha...Class=SN	S19E30	AR2697			Mac.=DH0	Carr. Lon.=302deg
HRBS	14:59:20	15:00:25	Importance=C1	Qual=01				MaxkeV=130	H. Ang=39deg
UVSP	14:54	15:00:25	Peak...c/s=148	Qual=01	Tot Cts=1820			Rast=240"x240"	
Radio	Frequency (MHz)/Flux (sfu):	410/100 1415/26 2695/34 4995/19 8800/14	Wavelength=1463A	Code=00	Exp #=12401			Step=10"	Pitch=-298", Yaw=-943"
Event # = 1260									
80/09/27, 23:15	DOY=271								
Optical	Start	End times	SMM Pointing:	S19E27				Pitch=+409", Yaw=+409", Roll=0deg	H. Ang=37deg
Optical			Ha...Class=SN	S19E23	AR2701			Mac.=ES0	Carr. Lon.=304deg
GOES	23:14	23:15	Ha...Class=SF	S18E26	AR2697				Carr. Lon.=301deg
HRBS	23:14:55	23:16:00	Importance=C1	Qual=01				MaxkeV=57	H. Ang=36deg
UVSP	22:42	23:15:20	Peak...c/s=96	Qual=01				Rast=60"x60"	
			Wavelength=1401A	Code=00	Exp #=12426			Step=4"	Pitch=+396", Yaw=+430"
Event # = 1261									
80/09/28, 07:18	DOY=272								
Optical	Start	End times	SMM Pointing:	S19E23				Pitch=+409", Yaw=+349", Roll=0deg	H. Ang=34deg
Optical			Ha...Class=SN	S19E23					
GOES	05:55	07:18	Ha...Class=SF	S18E26				MaxkeV=57	
HRBS	07:11:35	07:12:15	Importance=C5	Qual=03	Tot Cts=450			Rast=60"x60"	
UVSP	06:55	07:12:50	Peak...c/s=128	Qual=01	Exp #=12441			Step=4"	Pitch=+391", Yaw=+370"
			Wavelength=1402A	Code=00					
Event # = 1262									
80/09/28, 23:24	DOY=272								
Optical	Start	End times	SMM Pointing:	S19E14				Pitch=+414", Yaw=+218", Roll=0deg	H. Ang=29deg
Optical			Ha...Class=SN	S19E14					
GOES	23:24:30	23:25:30	Importance=C5	Qual=00				MaxkeV=57	
HRBS	23:24:30	23:24:50	Peak...c/s=71	Qual=01	Exp #=12493			Rast=120"x120"	
UVSP	22:37	23:25:30	Wavelength=1679A					Step=10"	Pitch=+388", Yaw=+213"

		80/09/29		DOY=273			
Event # = 1263		DOY=273		S19E13		Pitch=+415", Yaw=+202", Roll=0deg	
80/09/29, 00:42		Peak		Qual=00		H. Ang=29deg	
GOES		End times		Qual=01		MaxkeV=57	
HXRBS		00:41:55 00:42:05 00:42:20		Peak...c/s=71			
Event # = 1264		DOY=273		S19E12		Pitch=+415", Yaw=+191", Roll=0deg	
80/09/29, 02:19		Peak		Qual=01		H. Ang=28deg	
GOES		End times		Qual=01		MaxkeV=57	
HXRBS		02:16 02:19 02:21		Importance=C1		Rast=70"x30"	
UVSP		02:18:40 02:19:35 02:19:30		Peak...c/s=87		Step=10" Pitch=+439", Yaw=+194"	
UVSP		01:45		Wavelength=1547A Code=00		Exp #=12497	
Event # = 1265		DOY=273		S19E10		Pitch=+416", Yaw=+164", Roll=0deg	
80/09/29, 05:07		Peak		Qual=01		H. Ang=28deg	
GOES		End times		Qual=01		MaxkeV=57	
HXRBS		05:02 05:07 05:14		Importance=C5		Rast=10"x10"	
UVSP		05:04:00 05:05:05 05:07:30		Peak...c/s=161		Step=0" Pitch=+410", Yaw=+153"	
UVSP		05:07		Wavelength=1392A Code=02		Exp #=12504	
Event # = 1266		DOY=273		S19E01		Pitch=+418", Yaw=+13", Roll=0deg	
80/09/29, 22:46		Peak		Qual=01		H. Ang=26deg	
Optical		End times		Qual=01		H. Ang=24deg	
GOES		22:24 22:46 22:48		Ha...Class=IN		Mac.=DAO	
HXRBS		22:39:15 22:40:40 22:41:00		Importance=M1		MaxkeV=269	
BCS		22:23 22:32 23:23		Peak...c/s=715		FePeak.c/s=24	
FCS		23:09 23:32		CaPeak.c/s=108		#Peaks=3 dt= 6.3s	
HXIS		22:35 22:32		Peak3...c/s=1971		Step=15" Cad= 147s	
UVSP		22:35		Peak...c/s=133		Step=4" Pitch=+344", Yaw=-48"	
Radio		Frequency(MHz)/Flux(sfu):		WaveLength=1402A Code=00		Rast=60"x60"	
HXRBS		22:44:35 22:45:55 22:47:35		410/75 606/20 1415/13 2695/21 4995/130 8800/100		Rast=180"x180"	
				Associated Event # = 1267		MaxkeV=130	
				Qual=01 Tot Cts=3960			
				80/09/30 DOY=274			
Event # = 1268		DOY=274		S19W06		Pitch=+416", Yaw=-98", Roll=0deg	
80/09/30, 11:54		Peak		Qual=01		H. Ang=26deg	
Optical		End times		Qual=01		H. Ang=41deg	
GOES		11:47 11:54 12:00		Ha...Class=SB		Mac.=EAO	
HXRBS		11:48:20 11:49:15 11:55:35		Importance=C3		Carr. Lon.=253deg	
UVSP		11:52		Peak...c/s=558		MaxkeV=130	
Radio		Type/Intensity:		WaveLength=1547A Code=00		Rast=60"x60"	
				V/1		Step=3" Pitch=+381", Yaw=-92"	
				80/10/01 DOY=275			
Event # = 1269		DOY=275		N15E39		Pitch=-162", Yaw=+581", Roll=0deg	
80/10/01, 00:31		Peak		Qual=01		H. Ang=39deg	
Optical		End times		Qual=01		H. Ang=34deg	
GOES		00:24 00:31 00:34		Ha...Class=SB		Mac.=EAI	
HXRBS		00:22:35 00:23:10 00:23:50		Importance=C2		Carr. Lon.=253deg	
BCS		00:28 00:30 00:32		Peak...c/s=60		MaxkeV=57	
Radio		Frequency(MHz)/Flux(sfu):		CaPeak.c/s=34		FePeak.c/s=6	
				245/77 606/11		#Peaks=1 dt= 3.2s	
				1415/7 2695/12 4995/18 8800/21		XEN=27500	
				Associated Event # = 20820		FePeak.c/s=8	
				Qual=1 FePeak=00:33		#Peaks=1	
				Qual=1		XEN=27501	

Event # = 1270									
80/10/01,00:39	DOY=275	Start	Peak	End times	SMM Pointing:	N15E39	Pitch=-162", Yaw=+581", Roll=0deg	H. Ang=39deg	
Optical					Ha...Class=S8				
GOES	00:36	00:39	00:41	00:41	Importance=C2	AR2701	Mac.=EAI	Carr. Lon.=253deg	H. Ang=34deg
HXRBS	00:35:50	00:37:55	00:39:45		Peak...c/s=136				
BCS	00:37	00:38	00:41		CaPeak.c/s=47	Tot Cts=2585	MaxkeV=130		
UVSP						FePeak=00:38	FePeak.c/s=18	#Peaks=1	XEN=27502
Radio					Frequency(MHz)/Flux(sfu):	245/530	Pitch=-161", Yaw=+568"		
Event # = 20821									
80/10/01,01:41	DOY=275	Start	Peak	End times	SMM Pointing:	N15E38	Pitch=-161", Yaw=+570", Roll=0deg	H. Ang=38deg	
Optical					Ha...Class=SN				
GOES	01:36	01:41	01:49	01:49	Importance=C2	AR2701	Mac.=EAI	Carr. Lon.=252deg	H. Ang=34deg
BCS	01:40	01:40	01:42		CaPeak.c/s=23				
FCS	01:40	01:40			Peak3...c/s=70	FePeak=01:40	FePeak.c/s=10	#Peaks=1	XEN=27503
UVSP							Rast=0"x0"	Step=0"	3840s/pixel
Radio					Type/Intensity:	III/1	Cad=3840s		Pitch=-161", Yaw=+568"
Radio					Frequency(MHz)/Flux(sfu):	245/1200			
Event # = 1271									
80/10/01,10:31	DOY=275	Start	Peak	End times	SMM Pointing:	N15E33	Pitch=-156", Yaw=+511", Roll=0deg	H. Ang=34deg	
GOES	10:08	10:31	10:36	10:36	Importance=C2				
HXRBS	10:09:50	10:10:40	10:11:10		Peak...c/s=60				
BCS	10:27	10:30	10:31		CaPeak.c/s=52	FePeak=10:30	MaxkeV=57	#Peaks=1	XEN=27505
FCS					Peak3...c/s=29		Rast=120"x120"	dt= 3.2s	Step=15"
UVSP	10:24	10:28			Wavelength=1550A	Code=00	Rast=67"x67"	Cad=65.5s	1.024s/pixel
Radio					Exp #=12610		Pitch=-136", Yaw=+438"	Step=3"	
Event # = 1272									
80/10/01,12:57	DOY=275	Start	Peak	End times	SMM Pointing:	N15E32	Pitch=-155", Yaw=+488", Roll=0deg	H. Ang=32deg	
GOES	12:49	12:57	13:06	13:06	Importance=C4				
HXRBS	13:04:05	13:06:05	13:07:15		Peak...c/s=65				
BCS	12:55	13:06:05	13:07:15		Wave length=1553A	Code=00	MaxkeV=57	Step=3"	Pitch=-138", Yaw=+416"
UVSP					Exp #=12618		Rast=67"x67"	Step=3"	
Radio					Frequency(MHz)/Flux(sfu):	1415/17 2695/14 4995/17 8800/19 15400/16			
Event # = 1273									
80/10/01,15:08	DOY=275	Start	Peak	End times	SMM Pointing:	N15E31	Pitch=-154", Yaw=+476", Roll=0deg	H. Ang=31deg	
Optical					Ha...Class=SN				
GOES	15:05	15:08	15:11	15:11	Importance=C2	AR2701	Mac.=EAI	Carr. Lon.=248deg	H. Ang=31deg
HXRBS	15:06:15	15:07:15	15:09:05		Peak...c/s=142				
BCS	15:08	15:10	15:11		CaPeak.c/s=26	Tot Cts=3570	MaxkeV=130	#Peaks=1	XEN=27506
FCS					Peak3...c/s=39	FePeak=15:10	FePeak.c/s=10	dt= 3.2s	Step=15"
UVSP	14:28	15:10			Wave length=1692A	Code=00	Rast=120"x120"	Cad=65.5s	1.024s/pixel
Radio					Type/Intensity:	III/2	Rast=120"x120"	Step=10"	Pitch=-160", Yaw=+452"
Radio					Frequency(MHz)/Flux(sfu):	245/2000 410/390 1415/16 2695/28 4995/39 8800/23			

		80/10/05		DOY=279			
Event # = 1281							
80/10/05, 12:51	DOY=279						
Optical	Start	End times	SMM Pointing:				
			Ha...Class=SN	N14W22		Pitch=-133", Yaw=-356", Roll=0deg	H. Ang=23deg
			Ha...Class=SF	N11W24	AR2701	Mac.=DAI	H. Ang=24deg
			Importance=C2	N16E77	AR2717	Carr. Lon.=150deg	H. Ang=76deg
GOES	12:50	12:51	Peak...c/s=94	Qual=01			
HXRBS	12:51:10	12:51:30	Wave length=1402A	Code=00	Exp #=12865	MaxkeV=57	Pitch=-126", Yaw=-383"
UVSP	12:40					Rast=28"x28"	
Event # = 1282							
80/10/05, 16:03	DOY=279						
Optical	Start	End times	SMM Pointing:				
			Ha...Class=SF	N14W24		Pitch=-135", Yaw=-386", Roll=0deg	H. Ang=25deg
GOES	16:01	16:03	Importance=C2	N04W82	AR2705	Mac.=AXX	H. Ang=82deg
HXRBS	16:03:18	16:03:20	Peak...c/s=95	Qual=01		MaxkeV=57	
UVSP	15:52	16:03:48	Wave length=1402A	Code=00	Exp #=12871	Rast=28"x28"	Pitch=-127", Yaw=-405"
Event # = 1283							
80/10/05, 16:14	DOY=279						
Optical	Start	End times	SMM Pointing:				
			Ha...Class=SF	N14W24		Pitch=-135", Yaw=-386", Roll=0deg	H. Ang=25deg
GOES	16:13	16:14	Importance=C1	N04W82	AR2705	Mac.=AXX	H. Ang=82deg
HXRBS	16:14:03	16:14:04	Peak...c/s=75	Qual=01		MaxkeV=57	
UVSP	15:52	16:14:33	Wave length=1402A	Code=00	Exp #=12871	Rast=28"x28"	Pitch=-127", Yaw=-405"
Event # = 1284							
80/10/05, 17:54	DOY=279						
Optical	Start	End times	SMM Pointing:				
			Importance=C1	N14W25		Pitch=-135", Yaw=-401", Roll=0deg	H. Ang=26deg
GOES	17:52	17:54	Peak...c/s=75	Qual=01		MaxkeV=57	
HXRBS	17:54:40	17:55:15	Wave length=1402A	Code=00	Exp #=12874	Rast=28"x28"	Pitch=-120", Yaw=-418"
UVSP	17:28						
Event # = 1285							
80/10/06, 01:24	DOY=280						
Optical	Start	End times	SMM Pointing:				
			Ha...Class=SN	N14W30		Pitch=-138", Yaw=-466", Roll=0deg	H. Ang=30deg
GOES	01:18	01:24	Importance=C6	N07W91	AR2705	Carr. Lon.=311deg	H. Ang=90deg
HXRBS	01:20:15	01:23:30	Peak...c/s=294	Qual=01		MaxkeV=131	
UVSP	01:22	01:25:10	Wave length=1354A	Code=00	Tot Cts=10915	Rast=240"x240"	Pitch=-198", Yaw=-537"
Radio	Sweeps	Type/Intensity:	111/2		Exp #=12900	Step=3"	
Radio	Frequency(MHz)/Flux(sfu):	245/120	410/60				
Event # = 1286							
80/10/06, 14:36	DOY=280						
Optical	Start	End times	SMM Pointing:				
			Importance=C1	N14W37		Pitch=-143", Yaw=-563", Roll=0deg	H. Ang=37deg
GOES	14:35	14:36	Peak...c/s=112	Qual=01		MaxkeV=131	
HXRBS	14:36:00	14:36:55	Wave length=1402A	Code=00	Tot Cts=1320	Rast=28"x28"	Pitch=-127", Yaw=-563"
UVSP	14:14	14:41:30			Exp #=12928	Step=4"	

Event # = 1287									
80/10/06, 21:15		DOY=280		SMM Pointing:		N15E63		Pitch=-203", Yaw=+830", Roll=0deg	
Start		Peak		Importance=C2		Qual=01		H. Ang=63deg	
GOES 21:14		21:15		Peak...c/s=318		Qual=01		MaxkeV=131	
HXRBS 21:14:35		21:15:30		CaPeak.c/s=23		Qual=1		FePeak.c/s=13	
BCS 21:18		21:18		Peak3...c/s=82		Code=00		Rast=180"x180"	
FCS 21:18		21:18		Wavelength=1402A		Exp #=12981		Step=15"	
UVSP 20:39		21:18						Step=4"	
								XEN=28000	
								Cad= 147s	
								Pitch=-191", Yaw=+803"	
80/10/07 DOY=281									
Event # = 1288		DOY=281		SMM Pointing:		N15E61		Pitch=-198", Yaw=+813", Roll=0deg	
80/10/07, 00:22		Peak		Importance=C2		Qual=01		H. Ang=60deg	
Start		00:22		Peak...c/s=65		Qual=01		MaxkeV=57	
GOES 00:04		00:29		Wavelength=1402A		Code=00		Rast=60"x60"	
HXRBS 00:07:15		00:07:55						Step=4"	
UVSP 23:52		00:09:50						Pitch=-200", Yaw=+843"	
80/10/07 DOY=281									
Event # = 1289		DOY=281		SMM Pointing:		N15E61		Pitch=-198", Yaw=+813", Roll=0deg	
80/10/07, 00:32		Peak		Importance=C3		Qual=03		H. Ang=60deg	
Start		00:32		Peak...c/s=138		Qual=01		MaxkeV=57	
GOES 00:29		00:30:40		Wavelength=1402A		Code=00		Rast=60"x60"	
HXRBS 00:29:40		00:31:50						Step=4"	
UVSP 23:52								Pitch=-200", Yaw=+843"	
80/10/07 DOY=281									
Event # = 1290		DOY=281		SMM Pointing:		N15E65		Pitch=-962", Yaw=+0", Roll=0deg	
80/10/07, 02:04		Peak		Ha...Class=SF		Qual=01		H. Ang=64deg	
Start		02:04		Importance=C1		Qual=01		Mac.=EKI	
Optical 02:01		02:06		Peak...c/s=79		Qual=01		Carr. Lon.=142deg	
GOES 02:03:40		02:05:25		Wavelength=2912A		Code=01		MaxkeV=57	
HXRBS 02:03:40		02:05:25						Rast=120"x120"	
UVSP 02:02								Step=3"	
								Pitch=-961", Yaw=-13"	
80/10/07 DOY=281									
Event # = 1291		DOY=281		SMM Pointing:		N14E60		Pitch=-179", Yaw=+807", Roll=0deg	
80/10/07, 03:05		Peak		Importance=C2		Qual=01		H. Ang=59deg	
Start		03:05		Peak...c/s=107		Qual=01		MaxkeV=57	
GOES 03:04		03:07		Wavelength=1549A		Code=00		Rast=240"x240"	
HXRBS 03:02:35		03:05:10						Step=3"	
UVSP 02:57								Pitch=-239", Yaw=+738"	
80/10/07 DOY=281									
Event # = 1292		DOY=281		SMM Pointing:		N14E56		Pitch=-173", Yaw=+771", Roll=0deg	
80/10/07, 09:31		Peak		Ha...Class=1B		Qual=01		H. Ang=55deg	
Start		09:31		Importance=M1		Qual=01		Mac.=DKI	
Optical 09:25		09:43		Peak...c/s=485		Qual=1		Carr. Lon.=120deg	
GOES 09:26:25		09:38:40		CaPeak.c/s=73		Code=02		MaxkeV=131	
HXRBS 09:26:25		09:56		Peak3...c/s=37				FePeak.c/s=31	
BCS 09:29				Wavelength=1402A				Rast=0"x0"	
FCS 09:31				III/1				Step=4"	
UVSP 09:31				4995/40 8800/26				dt= 0.5s	
Radio Sweeps								Cad=30.7s	
Radio Frequency (MHz)/Flux(sfu):								XEN=28110	
								Step=0"	
								Pitch=-216", Yaw=+815"	

Event # = 4281 80/10/07,14:15 Start	DOY=281 Peak	End times	SMM Pointing:	N14E53	Pitch=-171",Yaw=+749",Roll=0deg	H.Ang=53deg
Optical			Ha...Class=SN	S07E90	Mac.=DKI	H.Ang=91deg
GOES	14:09	14:28	Importance=M1	Qual=01		
HXRBS	14:09:55	14:12:50	Peak...c/s=479	Qual=01		
UVSP	14:14	14:19:50	WaveLength=1402A	Code=00	Tot Cts=27174 Exp #=13039	Pitch=-230",Yaw=+685"
Event # = 4282 80/10/07,14:34 Start	DOY=281 Peak	End times	SMM Pointing:	N14E53	Pitch=-171",Yaw=+749",Roll=0deg	H.Ang=53deg
Optical			Ha...Class=1B	N13E49	Mac.=EKI	H.Ang=49deg
GOES	14:29	14:34	Importance=M1	Qual=01		
HXRBS	14:22:10	14:30:30	Peak...c/s=241	Qual=01		
BCS	14:22	14:34	CaPeak.c/s=425	Qual=1		
FCS	14:35	15:03	Peak3...c/s=732			
HXIS	14:34	15:03	Peak...c/s=714			
UVSP	14:34	15:03	WaveLength=1402A	Code=00		
Radio	14:17	15:03	WaveLength=1402A			
Frequency(MHz)/Flux(sfu):	4995/15	8800/14				
Event # = 4283 80/10/07,15:11 Start	DOY=281 Peak	End times	SMM Pointing:	N14E53	Pitch=-171",Yaw=+749",Roll=0deg	H.Ang=53deg
Optical			Ha...Class=SN	N18E51	Mac.=EKI	H.Ang=51deg
GOES	15:02	15:13	Importance=C5	Qual=02		
HXRBS	15:02:40	15:03:40	Peak...c/s=57	Qual=01		
UVSP	15:39	15:04:10	WaveLength=1541A			
Radio	15:39	15:04:10	WaveLength=1541A			
Frequency(MHz)/Flux(sfu):	245/17	8800/39				
Event # = 1293 80/10/07,16:13 Start	DOY=281 Peak	End times	SMM Pointing:	N14E52	Pitch=-167",Yaw=+738",Roll=0deg	H.Ang=52deg
Optical			Ha...Class=SN	N19E57	Mac.=EKI	H.Ang=57deg
GOES	15:58	16:13	Importance=M1	Qual=01		
HXRBS	15:58:15	16:08:50	Peak...c/s=119	Qual=01		
BCS	15:56	16:10	CaPeak.c/s=445	Qual=1		
FCS	16:06	16:39	Peak3...c/s=677			
HXIS	16:08	16:39	Peak...c/s=714			
UVSP	16:08	16:39	WaveLength=1547A	Code=00		
Frequency(MHz)/Flux(sfu):	2695/13	4995/55	8800/70			
Event # = 1294 80/10/07,17:37 Start	DOY=281 Peak	End times	SMM Pointing:	N14E52	Pitch=-167",Yaw=+738",Roll=0deg	H.Ang=52deg
Optical			Ha...Class=SN	N19E57	Mac.=EKI	H.Ang=57deg
GOES	17:19	17:37	Importance=C5	Qual=01		
HXRBS	17:19:55	17:21:10	Peak...c/s=372	Qual=01		
UVSP	17:28	17:22:10	WaveLength=1547A	Code=00		
Radio	17:28	17:22:10	WaveLength=1547A			
Frequency(MHz)/Flux(sfu):	2695/13	4995/55	8800/70			
Event # = 1295 80/10/07,18:56 Start	DOY=281 Peak	End times	SMM Pointing:	N14E51	Pitch=-169",Yaw=+725",Roll=0deg	H.Ang=51deg
Optical			Ha...Class=1B	N13E49	Mac.=EKI	H.Ang=49deg
GOES	18:55:00	18:56:10	Importance=M1	Qual=01		
HXRBS	18:55:00	18:56:10	Peak...c/s=64	Qual=01		
UVSP	18:55	18:56:10	WaveLength=1547A			
Frequency(MHz)/Flux(sfu):	2695/13	4995/55	8800/70			

Event # = 20411									
80/10/07,22:16	DOY=281	Start	Peak	End times	SMM Pointing:	N14E49	Pitch=-164",Yaw=+709",Roll=0deg	H.Ang=49deg	
Optical					Ha...Class=SF				
GOES	22:10	22:16	22:40	22:45	Importance=C6	Qual=01	Mac.=EKI	Carr.Lon.=147deg	H.Ang=49deg
BCS	22:02	22:18	22:45		CaPeak.c/s=139	Qual=1	FePeak=22:17	#Peaks=1	dt= 6.3s
FCS		22:31			Peak3..c/s=196			Step=0"	XEN=28121
HXIS		22:16			Peak...c/s=226			Cad=30.7s	30.72s/pixel
UVSP					Wavelength=1547A	Code=02	Exp #=13064	Rast=39"x39"	Pitch=-205",Yaw=+726"
Event # = 20412									
80/10/07,23:18	DOY=281	Start	Peak	End times	SMM Pointing:	N14E49	Pitch=-164",Yaw=+709",Roll=0deg	H.Ang=49deg	
Optical					Ha...Class=2B				
GOES	23:10	23:18	23:48		Importance=M5	Qual=05	Mac.=EKI	Carr.Lon.=144deg	H.Ang=51deg
BCS	23:37	23:37	00:29		CaPeak.c/s=518	Qual=5	FePeak=23:37	#Peaks=1	XEN=28109
FCS		23:41			Peak3..c/s=638			Step=15"	Cad= 262s
HXIS		23:36			Peak...c/s=667			Step=0"	1.024s/pixel
UVSP					Wavelength=1543A			Pitch=-204",Yaw=+717"	
Radio Sweeps					IV/2		Exp #=13065		
Radio Frequency(MHz)/Flux(sfu):					245/48 606/89 1415/110 2695/250 4995/530 8800/750 15400/300				
80/10/08 DOY=282									
80/10/08,01:16	DOY=282	Start	Peak	End times	SMM Pointing:	N14E47	Pitch=-161",Yaw=+683",Roll=0deg	H.Ang=47deg	
GOES									
BCS	01:13	01:16	01:33		CaPeak.c/s=37	Qual=00	FePeak=01:16	#Peaks=1	dt= 3.2s
FCS		01:20			Peak3..c/s=187	Qual=5		Step=0"	XEN=28200
UVSP	01:14				Wavelength=1397A		Exp #=13070	Cad=30.7s	30.72s/pixel
Event # = 20827									
80/10/08,01:38	DOY=282	Start	Peak	End times	SMM Pointing:	N14E47	Pitch=-161",Yaw=+683",Roll=0deg	H.Ang=47deg	
GOES									
BCS	01:36	01:38	01:38		CaPeak.c/s=20	Qual=00	FePeak=01:38	#Peaks=1	XEN=28219
FCS		01:38			Peak3..c/s=106	Qual=1		Step=0"	Cad=30.7s
UVSP	01:30				Wavelength=1405A		Exp #=13073	Pitch=-156",Yaw=+639"	
Event # = 1296									
80/10/08,01:43	DOY=282	Start	Peak	End times	SMM Pointing:	N14E47	Pitch=-161",Yaw=+683",Roll=0deg	H.Ang=47deg	
Optical					Ha...Class=SN				
GOES	01:39	01:43	01:53		Importance=M2	S10E73	Mac.=DKI	Carr.Lon.=121deg	H.Ang=75deg
HXRBS	01:38:15	01:41:35	01:47:30		Peak...c/s=736	Qual=01			
BCS	01:41	01:41	01:41		CaPeak.c/s=20	Qual=1	Tot Cts=58037		
UVSP	01:43				Wavelength=1401A	Code=02	FePeak=01:41	#Peaks=1	XEN=28206
Radio Frequency(MHz)/Flux(sfu):					245/26 410/26 606/2 1415/9 2695/20 4995/30 8800/45 15400/27		Exp #=13074	Pitch=-155",Yaw=+638"	
Event # = 20829									
80/10/08,01:44	DOY=282	Start	Peak	End times	SMM Pointing:	N14E47	Pitch=-161",Yaw=+683",Roll=0deg	H.Ang=47deg	
GOES	01:39	01:44	02:06		Importance=M2	Qual=01			
BCS	01:46	01:46	01:46		CaPeak.c/s=18	Qual=1	FePeak=01:46	#Peaks=1	XEN=28207
UVSP	01:43				Wavelength=1401A	Code=00	Exp #=13074	Step=4"	Pitch=-155",Yaw=+638"

Event # = 1297 80/10/08, 02:07 Start	DOY=282 Peak	SMM Pointing:	N14E47		Pitch=-161", Yaw=+683", Roll=0deg	H. Ang=47deg
Optical		Ha...Class=SF	N16E43	AR2717	Mac.=EKI	H. Ang=43deg
GOES 02:05	02:07	Importance=C5	Qual=03		MaxkeV=57	
HXRBS 02:06:10	02:07:10	Peak...c/s=88	Qual=01	FePeak=02:09	FePeak.c/s=10	XEN=28208
BCS 02:07	02:09	CaPeak.c/s=45	Qual=1		Rast=0"x0"	30.72s/pixel
FCS 02:08	02:08	Peak3...c/s=36				
HXIS 02:08	02:08	Peak...c/s=72			Rast=4"x4"	Pitch=-155", Yaw=+637"
UVSP 01:59		Wavelength=1344A	Code=00	Exp #=13076		
Event # = 1298 80/10/08, 03:01 Start	DOY=282 Peak	SMM Pointing:	N14E46		Pitch=-159", Yaw=+671", Roll=0deg	H. Ang=46deg
Optical		Ha...Class=SN	S07E75	AR2725	Mac.=DKI	H. Ang=76deg
GOES 03:00	03:01	Importance=C2	Qual=01		MaxkeV=57	
HXRBS 02:58:00	02:58:50	Peak...c/s=92	Qual=01		Rast=240"x240"	Pitch=-220", Yaw=+613"
UVSP 03:00		Wavelength=1402A	Code=00	Exp #=13078		
Event # = 1299 80/10/08, 03:36 Start	DOY=282 Peak	SMM Pointing:	N14E46		Pitch=-159", Yaw=+671", Roll=0deg	H. Ang=46deg
GOES 03:33	03:36	Importance=C5	Qual=01			
HXRBS 03:34:05	03:35:35	Peak...c/s=172	Qual=01	Tot Cts=1249	MaxkeV=57	
UVSP 03:34		Wavelength=1344A	Code=00	Exp #=13083	Rast=4"x4"	Pitch=-178", Yaw=+635"
Event # = 1300 80/10/08, 08:26 Start	DOY=282 Peak	SMM Pointing:	N06W00		Pitch=-1", Yaw=-3", Roll=0deg	H. Ang=0deg
GOES 08:20	08:26	Importance=C2	Qual=01			
HXRBS 08:22:30	08:23:30	Peak...c/s=75	Qual=01		MaxkeV=57	
UVSP 08:14		Wavelength=1547A	Code=01	Exp #=13102	Rast=120"x120"	Pitch=-1", Yaw=-14"
Event # = 1301 80/10/08, 09:58 Start	DOY=282 Peak	SMM Pointing:	N14E43		Pitch=-153", Yaw=+632", Roll=0deg	H. Ang=43deg
GOES 09:54	09:58	Importance=C2	Qual=01			
HXRBS 09:55:05	09:56:00	Peak...c/s=66	Qual=01		MaxkeV=57	
UVSP 09:26		Wavelength=1547A	Code=00	Exp #=13106	Rast=39"x39"	Pitch=-131", Yaw=+639"
Event # = 1302 80/10/08, 10:55 Start	DOY=282 Peak	SMM Pointing:	N14E42		Pitch=-157", Yaw=+626", Roll=0deg	H. Ang=42deg
GOES 10:50	10:55	Importance=C1	Qual=01			
HXRBS 10:51:20	10:52:35	Peak...c/s=88	Qual=01		MaxkeV=57	
BCS 10:53	10:55	CaPeak.c/s=27	Qual=1	FePeak=10:55	FePeak.c/s=8	XEN=28209
FCS 10:53	10:55	Peak3...c/s=147			Rast=180"x180"	dt= 3.2s
UVSP 10:53		Wavelength=1547A	Code=00	Exp #=13108	Rast=240"x240"	Cad=41.5s
HXRBS 10:58:40	10:59:50	Peak...c/s=74	Associated Event # = 1303		Pitch=-224", Yaw=+553"	
			Qual=01		MaxkeV=57	

Event # = 1304									
80/10/08,13:15	DOY=282	Start	End times	SMM Pointing:	N14E42			Pitch=-154",Yaw=+619",Roll=0deg	H.Ang=42deg
Optical	Peak			Ha...Class=SN	S09E72			Mac.=DKI	H.Ang=73deg
GOES	13:10	13:15	13:19	Importance=C3	Qual=01	AR2726			
HXRBS	13:11:50	13:13:15	13:14:50	Peak...c/s=79	Qual=01			MaxkeV=57	
UVSP	13:08			Wavelength=1547A	Code=00	Exp #=13119		Rast=60"x60"	Pitch=-131",Yaw=+482"
Event # = 1305									
80/10/08,14:12	DOY=282	Start	End times	SMM Pointing:	N14E41			Pitch=-153",Yaw=+608",Roll=0deg	H.Ang=41deg
Optical				Ha...Class=SN	N12E40			Carr.Lon.=147deg	H.Ang=40deg
GOES	14:10	14:12	14:21	Importance=C2	Qual=01	AR2717			
HXRBS	14:11:35	14:12:45	14:14:10	Peak...c/s=247	Qual=01			MaxkeV=131	
BCS	14:13	14:16	14:22	CaPeak.c/s=40	Qual=1	Tot Cts=3565		FePeak.c/s=14	#Peaks=1
FCS	14:19			Peak3...c/s=45		FePeak=14:16		Rast=0"x0"	dt= 3.2s
UVSP	14:06			Wavelength=1547A	Code=00	Exp #=13122		Rast=240"x240"	XEN=28211
Radio	Frequency(MHz)/Flux(sfu):	606/140	1415/18	2695/17	4995/20	8800/41	15400/24		Cad=30.7s
									Pitch=-222",Yaw=+531"
Event # = 20830									
80/10/08,14:26	DOY=282	Start	End times	SMM Pointing:	N14E41			Pitch=-153",Yaw=+608",Roll=0deg	H.Ang=41deg
GOES	14:24	14:26	14:27	CaPeak.c/s=19	Qual=00			FePeak.c/s=13	#Peaks=1
BCS	14:26			Peak3...c/s=36		FePeak=14:26		Rast=0"x0"	XEN=28220
UVSP	14:23			Wavelength=1547A		Exp #=13124		Rast=60"x60"	Cad=30.7s
									Pitch=-143",Yaw=+591"
Event # = 1306									
80/10/08,15:43	DOY=282	Start	End times	SMM Pointing:	N14E40			Pitch=-152",Yaw=+597",Roll=0deg	H.Ang=40deg
Optical				Ha...Class=1B	N16E38			Mac.=EKI	H.Ang=38deg
GOES	15:33	15:43	16:30	Importance=C8	Qual=01	AR2717			
HXRBS	15:34:45	15:36:05	15:41:35	Peak...c/s=1070	Qual=01			MaxkeV=131	
BCS	15:35	15:41	16:16	CaPeak.c/s=266	Qual=1	Tot Cts=72160		FePeak.c/s=61	#Peaks=1
FCS	16:10					FePeak=15:40		Rast=0"x0"	dt= 6.5s
HXIS	15:40			Peak...c/s=491					Cad=30.7s
UVSP	15:40			Wavelength=1547A	Code=00	Exp #=13129		Rast=240"x240"	XEN=28216
Radio	Frequency(MHz)/Flux(sfu):	245/280	410/470	606/540	1415/140	2695/170	4995/130	8800/120	15400/120
									Pitch=-221",Yaw=+520"
									Associated Event # = 20831
GOES	16:19	16:19	16:19	CaPeak.c/s=18	Qual=00	FePeak=16:19		FePeak.c/s=6	#Peaks=1
BCS	16:19			Wavelength=1547A		Exp #=13133		Rast=60"x60"	Step=3"
UVSP									Pitch=-150",Yaw=+545"
Event # = 1307									
80/10/08,19:16	DOY=282	Start	End times	SMM Pointing:	N14E37			Pitch=-147",Yaw=+566",Roll=0deg	H.Ang=37deg
Optical				Ha...Class=1N	S12E63			Mac.=DKI	H.Ang=65deg
GOES	19:13	19:16	19:26	Importance=C5	Qual=01	AR2726			H.Ang=43deg
HXRBS	19:14:25	19:16:20	19:20:30	Peak...c/s=219	Qual=01	AR2717		Carr.Lon.=121deg	
UVSP	18:50			Wavelength=1353A	Code=00	Tot Cts=7665		Carr.Lon.=141deg	
						Exp #=13143		MaxkeV=131	
								Rast=180"x180"	Step=10"
									Pitch=-177",Yaw=+541"

Event # = 1308	DOY=282	SMM Pointing:	N14E37	Pitch=-149", Yaw=+562", Roll=0deg	H. Ang=37deg
80/10/08, 20:34	Peak	End times			
Optical		Ha...Class=1B	S06E67	Mac.=DK1	H. Ang=68deg
GOES	20:21	Importance=M3	Qual=01	AR2725	
HXRBS	20:22:30	Peak...c/s=2443	Qual=01	Tot Cts=3.58E+5	MaxkeV=270
UVSP	20:30	WaveLength=1402A	Code=00	Exp #=13145	Rast=240"x240"
Radio	Frequency(MHz)/Flux(sfu):	245/310 410/37	606/32 1415/48	2695/110 4995/150	8800/190 15400/84
Event # = 20832	DOY=283	SMM Pointing:	N14E34	Pitch=-144", Yaw=+520", Roll=0deg	H. Ang=34deg
80/10/09, 02:42	Peak	End times			
Optical		Ha...Class=SB	N10E34	Mac.=EK1	H. Ang=34deg
GOES	02:34	Importance=C5	Qual=05	AR2717	
BCS	02:46	CaPeak.c/s=65	Qual=5	FePeak=02:46	XEN=28300
FCS	02:53	Peak3...c/s=396			Cad=30.7s 30.72s/pixel
UVSP	02:47	WaveLength=1399A	Code=02	Exp #=13156	Pitch=-149", Yaw=+510"
Event # = 1309	DOY=283	SMM Pointing:	N14E31	Pitch=-142", Yaw=+476", Roll=0deg	H. Ang=31deg
80/10/09, 07:46	Peak	End times			
GOES	07:29	Importance=C3	Qual=04		
HXRBS	07:42:05	Peak...c/s=72	Qual=01	MaxkeV=57	Pitch=-168", Yaw=+504"
UVSP	07:43	WaveLength=1297A	Code=00	Rast=10"x1"	
Radio	Type/Intensity:	111/1 V/2		Step=0	
Radio	Frequency(MHz)/Flux(sfu):	245/97 2695/21	4995/24 8800/18		
Event # = 1310	DOY=283	SMM Pointing:	N14E29	Pitch=-140", Yaw=+449", Roll=0deg	H. Ang=29deg
80/10/09, 11:10	Peak	End times			
GOES	11:08	Importance=C1	Qual=01	MaxkeV=57	
HXRBS	11:09:35	Peak...c/s=63	Qual=01	FePeak=11:13	XEN=28301
BCS	11:13	CaPeak.c/s=19	Qual=1	Exp #=13196	Pitch=-164", Yaw=+474"
UVSP	11:10	WaveLength=1547A	Code=02	Event # = 20833	
GOES	11:09	Importance=C1	Qual=01	FePeak=11:16	XEN=28302
BCS	11:16	CaPeak.c/s=20	Qual=1		
Event # = 1311	DOY=283	SMM Pointing:	N14E29	Pitch=-140", Yaw=+449", Roll=0deg	H. Ang=29deg
80/10/09, 11:27	Peak	End times			
Optical		Ha...Class=1B	S10E54	Mac.=DA1	H. Ang=56deg
GOES	11:22	Importance=M8	Qual=01	AR2726	
HXRBS	11:23:25	Peak...c/s=25608	Qual=01	Tot Cts=1.83E+6	MaxkeV=131
GRS	11:23:53	Max.E..MeV= 0.6		Nuclear.Line=N	
BCS	11:44	CaPeak.c/s=78	Qual=2	FePeak=11:46	dt= 0.5s
FCS	11:44	Peak3...c/s=29		Rast=0"x0"	XEN=28303
UVSP	11:20	WaveLength=1547A	Code=00	Exp #=13197	Cad=30.7s 30.72s/pixel
Radio	Frequency(MHz)/Flux(sfu):	245/23 410/100	606/33 1415/94	2695/360 4995/850	8800/2900 15400/680

Event # = 1312	80/10/09, 14:06	DOY=283	Start	End times	SMM Pointing:	N14E27	Pitch=-137", Yaw=+421", Roll=0deg	H. Ang=27deg
GOES	14:03	14:06	14:11	14:11	Importance=C1	Qual=01		
HXRBS	14:05:25	14:06:10	14:06:50		Peak...c/s=78	Qual=01		
UVSP	14:02				Wavelength=1547A	Code=00	MaxkeV=57 Rast=240"x240" Step=3" Pitch=-209", Yaw=+352"	
Exp #								
Event # = 1313	80/10/09, 17:54	DOY=283	Start	End times	SMM Pointing:	N14E25	Pitch=-139", Yaw=+398", Roll=0deg	H. Ang=26deg
Optical								
GOES	17:48	17:54	18:01	18:01	Ha...Class=SB	S10E49	Mac.=DAI	
HXRBS	17:48:30	17:49:45	17:54:30		Importance=C4	Qual=01	Carr. Lon.=123deg	H. Ang=51deg
UVSP	17:22				Peak...c/s=184	Qual=01	MaxkeV=57 Rast=60"x60" Step=4" Pitch=-108", Yaw=+230"	
Radio					Wavelength=1402A	Code=00		
Frequency (MHz)/Flux(sfu):					4995/9 8800/14			
Event # = 1314	80/10/09, 19:30	DOY=283	Start	End times	SMM Pointing:	N14E24	Pitch=-136", Yaw=+384", Roll=0deg	H. Ang=25deg
Optical								
GOES	19:27	19:30	19:32	19:32	Ha...Class=SN	S07E51	Mac.=EKI	
HXRBS	19:29:20	19:29:55	19:30:50		Importance=C1	Qual=01	Carr. Lon.=120deg	H. Ang=53deg
UVSP	18:57				Peak...c/s=143	Qual=01	MaxkeV=57 Rast=60"x60" Step=4" Pitch=-108", Yaw=+221"	
Radio					Wavelength=1402A	Code=00		
Frequency (MHz)/Flux(sfu):					245/48 4995/14 8800/27			
Event # = 20414	80/10/09, 20:02	DOY=283	Start	End times	SMM Pointing:	N14E24	Pitch=-136", Yaw=+384", Roll=0deg	H. Ang=25deg
Optical								
GOES	19:44	20:02	20:18	20:18	Ha...Class=IB	S06E47	Mac.=DAI	
HXRBS	20:20	20:20	20:29	20:29	Importance=M1	Qual=05	Carr. Lon.=124deg	H. Ang=48deg
BCS	20:20	20:20	20:25	20:25	CaPeak.c/s=45	Qual=5	FePeak.c/s=8 #Peaks=1	XEN=28304
FCS	20:25	20:25	20:25	20:25	Peak3...c/s=227		Rast=180"x180" Step=15" Cad= 147s	1.024s/pixel
HXIS	20:22	20:20	20:20	20:20	Peak...c/s=67		Rast=4"x4" Step=0" Pitch=+223", Yaw=+591"	
UVSP	20:22				Wavelength=1399A			
Radio					4995/10 8800/120 15400/68			
Frequency (MHz)/Flux(sfu):								
Event # = 1315	80/10/09, 22:22	DOY=283	Start	End times	SMM Pointing:	S08E51	Pitch=+198", Yaw=+742", Roll=0deg	H. Ang=53deg
Optical								
GOES	22:17	22:22	22:29	22:29	Ha...Class=SB	S10E45	Mac.=DAI	
HXRBS	22:18:50	22:19:59	22:22:00	22:22:00	Importance=C4	Qual=01	Carr. Lon.=124deg	H. Ang=48deg
BCS	22:19	22:21	22:27	22:27	Peak...c/s=202	Qual=01	MaxkeV=57	
FCS	22:25	22:25	22:25	22:25	CaPeak.c/s=157	Qual=1	FePeak.c/s=53 dt= 6.5s	XEN=28307
UVSP	22:08				Peak3...c/s=392		Rast=120"x120" Step=15" Cad=65.5s	1.024s/pixel
Radio					Wavelength=1402A	Code=00	Rast=60"x60" Step=4" Pitch=+193", Yaw=+712"	
Exp #								
Event # = 1316	80/10/10, 00:35	DOY=284	Start	End times	SMM Pointing:	S08E51	Pitch=+198", Yaw=+742", Roll=0deg	H. Ang=53deg
Optical								
GOES	00:21	00:35	00:55	00:55	Ha...Class=SF	N12W00	Mac.=EAI	
HXRBS	00:22:30	00:23:50	00:25:30	00:25:30	Importance=C4	Qual=02	Carr. Lon.=168deg	H. Ang=6deg
BCS	00:19	00:27	00:27	00:27	Peak...c/s=70	Qual=01	MaxkeV=57	
UVSP	01:09	00:27	00:27	00:27	CaPeak.c/s=115	Qual=2	FePeak.c/s=18 dt= 1.1s	XEN=28400
Radio					Wavelength=1399A		Rast=4"x4" Step=0" Pitch=+194", Yaw=+725"	
Frequency (MHz)/Flux(sfu):								

Event # = 1317 80/10/10,01:26 Start	DOY=284 Peak	End times	SMM Pointing:	S08E50	Pitch=+199", Yaw=+731", Roll=0deg	H. Ang=52deg
Optical			Ha...Class=S8	N15E30	Mac.=EKI	H. Ang=31deg
GOES	01:23	01:31	Importance=C3	Qual=01		
HXRBS	01:26:00	01:28:10	Peak...c/s=156	Qual=01		
UVSP	01:19		Wavelength=1402A	Code=00	MaxkeV=57	Pitch=+196", Yaw=+762"
Radio Sweeps		Type/Intensity:	III/1	V/2	Rast=28"x28"	
Radio Frequency (MHz)/Flux(sfu):		2695/26	4995/44	8800/25		
Event # = 1318 80/10/10,01:33 Start	DOY=284 Peak	End times	SMM Pointing:	S08E50	Pitch=+199", Yaw=+731", Roll=0deg	H. Ang=52deg
Optical			Ha...Class=SN	S12E47	Mac.=DAI	H. Ang=50deg
GOES	01:31	01:40	Importance=C1	Qual=01		
HXRBS	01:33:15	01:36:25	Peak...c/s=77	Qual=01	MaxkeV=57	Pitch=+196", Yaw=+762"
UVSP	01:19		Wavelength=1402A	Code=00	Rast=28"x28"	
Event # = 1319 80/10/10,03:20 Start	DOY=284 Peak	End times	SMM Pointing:	S08E49	Pitch=+202", Yaw=+714", Roll=0deg	H. Ang=50deg
Optical			Ha...Class=SN	N14E21	Mac.=EKI	H. Ang=22deg
GOES	03:00	03:54	Importance=C3	Qual=01		
HXRBS	03:30:40	03:36:00	Peak...c/s=91	Qual=01	MaxkeV=57	#Peaks=1 dt= 6.5s XEN=28401
BCS	03:34	03:45	CaPeak.c/s=42	Qual= 1	Rast=0"x0"	Cad=30.7s 30.72s/pixel
FCS	03:39		Peak3...c/s=160		Rast=28"x28"	Pitch=+241", Yaw=+672"
UVSP	02:57		Wavelength=1402A	Code=00	Exp #=13240	
Event # = 20834 80/10/10,04:23 Start	DOY=284 Peak	End times	SMM Pointing:	S08E48	Pitch=+203", Yaw=+706", Roll=0deg	H. Ang=50deg
GOES				Qual=00		XEN=28402
BCS	04:23	04:23	CaPeak.c/s=20	Qual= 5	#Peaks=1	Pitch=+173", Yaw=+663"
UVSP	04:22		Wavelength=1371A		Rast=180"x180"	
Event # = 20835 80/10/10,05:13 Start	DOY=284 Peak	End times	SMM Pointing:	S08E48	Pitch=+203", Yaw=+706", Roll=0deg	H. Ang=50deg
GOES	05:11	05:19	Importance=C2	Qual=01	FePeak.c/s=12	XEN=28403
BCS	05:12	05:14	CaPeak.c/s=30	Qual= 1	Rast=180"x180"	Cad= 147s 1.024s/pixel
FCS	05:12	05:12	Peak3...c/s=17		Rast=180"x180"	Pitch=+173", Yaw=+678"
UVSP	04:24		Wavelength=1353A	Code=00	Exp #=13245	
Radio Sweeps		Type/Intensity:	III/1			
Event # = 1320 80/10/10,06:38 Start	DOY=284 Peak	End times	SMM Pointing:	S08E48	Pitch=+202", Yaw=+703", Roll=0deg	H. Ang=49deg
Optical			Ha...Class=1B	S08E47	Mac.=EAI	H. Ang=49deg
GOES	06:28	06:57	Importance=C5	Qual=01		
HXRBS	06:28:30	06:38:30	Peak...c/s=76	Qual=01	MaxkeV=57	#Peaks=1 dt= 1.0s XEN=28470
BCS	06:20	06:36	CaPeak.c/s=334	Qual= 1	FePeak.c/s=68	Cad= 147s 1.024s/pixel
FCS	06:00		Wavelength=1353A	Code=00	Rast=180"x180"	Pitch=+174", Yaw=+653"
UVSP	06:00			Exp #=13249		

Event # = 1321									
80/10/10, 06:50	Start	DOY=284	Peak	End times	SMM Pointing:	S08E48	Pitch=+202", Yaw=+703", Roll=0deg	H. Ang=49deg	
GOES									
HXRBS	06:49:00	06:50:30	06:52:00		Peak...c/s=96	Qual=06			
UVSP	06:00				Wavelength=1353A	Qual=01			
Exp # = 13249									
MaxkeV=57									
Rast=180"x180" Step=10" Pitch=+174", Yaw=+653"									
Event # = 20837									
80/10/10, 07:58	Start	DOY=284	Peak	End times	SMM Pointing:	S08E46	Pitch=+204", Yaw=+689", Roll=0deg	H. Ang=48deg	
GOES	07:50	07:58	08:08		Importance=C2	Qual=01			
BCS	07:58	07:58	07:58		CaPeak.c/s=19	Qual=1			
UVSP	07:35				Wavelength=1353A	Code=00			
					Associated	Qual=1			
BCS	07:56	07:56	07:56		CaPeak.c/s=20	Qual=1			
					Event # = 20836				
					Exp # = 13253				
					FePeak=07:58	#Peaks=1			XEN=28406
					FePeak=07:56	#Peaks=1			XEN=28405
BCS	08:01	08:01	08:01		CaPeak.c/s=19	Qual=1			
					Associated	Qual=1			
BCS	08:03	08:03	08:03		CaPeak.c/s=19	Qual=1			
					Event # = 20839				
					FePeak=08:01	#Peaks=1			XEN=28407
					FePeak=08:03	#Peaks=1			XEN=28408
Event # = 20842									
80/10/10, 08:14	Start	DOY=284	Peak	End times	SMM Pointing:	S08E46	Pitch=+204", Yaw=+689", Roll=0deg	H. Ang=48deg	
GOES	08:10	08:14	08:36		Importance=C2	Qual=01			
BCS	08:12	08:14	08:16		CaPeak.c/s=28	Qual=1			
UVSP	07:35				Wavelength=1353A	Code=00			
					Associated	Qual=1			
BCS	08:20	08:20	08:20		CaPeak.c/s=21	Qual=1			
					Event # = 20840				
					Exp # = 13253				
					FePeak=08:14	#Peaks=1			XEN=28481
					FePeak=08:20	#Peaks=1			XEN=28413
BCS	08:17	08:17	08:17		CaPeak.c/s=20	Qual=1			
					Associated	Qual=1			
BCS	08:23	08:23	08:23		CaPeak.c/s=23	Qual=1			
					Event # = 20843				
BCS	08:28	08:28	08:29		CaPeak.c/s=21	Qual=1			
					Associated	Qual=1			
BCS	08:32	08:32	08:32		CaPeak.c/s=20	Qual=1			
					Event # = 20845				
					FePeak=08:28	#Peaks=1			XEN=28415
					FePeak=08:32	#Peaks=1			XEN=28417
Event # = 1322									
80/10/10, 10:56	Start	DOY=284	Peak	End times	SMM Pointing:	S08E44	Pitch=+207", Yaw=+665", Roll=0deg	H. Ang=46deg	
Optical									
GOES	10:47	10:56	11:09		Ha...Class=1B	S09E40			
HXRBS	10:49:05	10:50:45	11:02:55		Importance=M1	Qual=04			
BCS	10:50	10:54	11:19		Peak...c/s=495	Qual=01			
FCS	10:54	10:54			CaPeak.c/s=351	Qual=1			
UVSP	10:48				Peak3...c/s=1150				
Radio					Wavelength=1547A	Code=00			
					Frequency(MHz)/Flux(sfu):	2695/8 4995/22 8800/36			
Exp # = 13263									
MaxkeV=131									
Rast=120"x120" Step=15" dt= 0.5s									
Rast=240"x240" Step=3" Cad=65.5s 1.024s/pixel									
Pitch=+136", Yaw=+594"									

Event # = 1323	80/10/10, 11:29	Start	DOY=284	Peak	End times	SMM Pointing:	S08E44	Pitch=+207", Yaw=+665", Roll=0deg	H.Ang=46deg
Optical	11:26	11:29	11:29	11:36	11:36	Ha...Class=SB	S08E40	Mac.=EAI	H.Ang=42deg
GOES	11:26:05	11:27:15	11:27:15	11:32:30	11:32:30	Importance=C6	Qual=01		
HXRBS	11:27	11:29	11:29	11:34	11:34	Peak...c/s=110	Qual=01		
BCS	11:27	11:29	11:29	11:34	11:34	CaPeak.c/s=124	Qual=1		
FCS	11:27	11:29	11:29	11:34	11:34	Peak3...c/s=521			
UVSP	11:28	11:29	11:29	11:36	11:36	Wavelength=1547A	Code=00		
Event # = 1324	80/10/10, 11:37	Start	DOY=284	Peak	End times	SMM Pointing:	S08E44	Pitch=+207", Yaw=+665", Roll=0deg	H.Ang=46deg
Optical	11:36	11:37	11:37	11:40	11:40	Ha...Class=SB	S14E39	Mac.=EAI	H.Ang=44deg
GOES	11:36:35	11:37:20	11:37:20	11:38:50	11:38:50	Importance=C3	Qual=01		
HXRBS	11:36:35	11:37:20	11:37:20	11:38:50	11:38:50	Peak...c/s=66	Qual=01		
UVSP	11:38	11:39	11:39	11:40	11:40	Wavelength=1547A	Code=00		
Event # = 20416	80/10/10, 13:23	Start	DOY=284	Peak	End times	SMM Pointing:	S08E43	Pitch=+207", Yaw=+654", Roll=0deg	H.Ang=45deg
GOES	13:00	13:23	13:23	14:07	14:07	Importance=C6	Qual=02		
BCS	12:18	13:18	13:18	13:20	13:20	CaPeak.c/s=161	Qual=6		
UVSP	13:14	13:14	13:14	13:20	13:20	Wavelength=1547A	Code=00		
BCS	13:54	13:55	13:55	14:01	14:01	CaPeak.c/s=36	Qual=5		
FCS	13:54	13:55	13:55	14:01	14:01	Peak3...c/s=32			
UVSP	13:56	13:56	13:56	14:01	14:01	Wavelength=1541A			
Event # = 20849	80/10/10, 14:10	Start	DOY=284	Peak	End times	SMM Pointing:	S08E43	Pitch=+208", Yaw=+651", Roll=0deg	H.Ang=45deg
GOES	14:03	14:10	14:10	14:34	14:34	Importance=C2	Qual=01		
BCS	14:09	14:12	14:12	14:14	14:14	CaPeak.c/s=35	Qual=1		
FCS	14:09	14:12	14:12	14:14	14:14	Peak3...c/s=108			
UVSP	14:09	14:13	14:13	14:14	14:14	Wavelength=1547A	Code=00		
BCS	14:03	14:03	14:03	14:04	14:04	CaPeak.c/s=26	Qual=1		
UVSP	14:01	14:01	14:01	14:04	14:04	Wavelength=1547A			
BCS	14:05	14:05	14:05	14:06	14:06	CaPeak.c/s=27	Qual=1		
FCS	14:05	14:06	14:06	14:06	14:06	Peak3...c/s=67			
UVSP	14:01	14:01	14:01	14:06	14:06	Wavelength=1547A			
BCS	14:16	14:16	14:16	14:16	14:16	CaPeak.c/s=23	Qual=1		
UVSP	14:16	14:16	14:16	14:16	14:16	Wavelength=1547A			
BCS	14:20	14:20	14:20	14:20	14:20	CaPeak.c/s=19	Qual=1		
UVSP	14:19	14:19	14:19	14:20	14:20	Wavelength=1547A			
BCS	14:22	14:22	14:22	14:23	14:23	CaPeak.c/s=19	Qual=1		
UVSP	14:19	14:19	14:19	14:23	14:23	Wavelength=1547A			

Event # = 1325									
80/10/10,17:15	Start	DOY=284	Peak	End times	SMM Pointing:	S08E41		Pitch=+211",Yaw=+625",Roll=0deg	H.Ang=43deg
Optical					Ha...Class=SN	S11E39		Mac.=DAI	Carr.Lon.=120deg
GOES	17:00	17:15	17:21		Importance=C5	Qual=04			H.Ang=42deg
HXRBS	17:13:10	17:13:30	17:15:10		Peak...c/s=96	Qual=01			
BCS	17:00	17:08	17:45		CaPeak.c/s=90	Qual=6			
FCS		17:07			Peak3...c/s=23				
UVSP	17:07				Wave length=1546A	Code=00	Exp #=13287		
Event # = 5668									
80/10/10,19:20	Start	DOY=284	Peak	End times	SMM Pointing:	S08E40		Pitch=+213",Yaw=+610",Roll=0deg	H.Ang=42deg
Optical					Ha...Class=SB	S07E39		Mac.=EAI	Carr.Lon.=119deg
Optical					Ha...Class=SF	N11W03			H.Ang=41deg
GOES	19:18	19:20	19:22		Importance=C2	Qual=01			H.Ang=6deg
HXRBS	19:18:29	19:18:46	19:19:03		Peak...c/s=206	Qual=01			
UVSP	18:57				Wave length=1404A	Code=00	Tot Cts=1391 Exp #=13293	Flags=1 Step=0"	Pitch=+164",Yaw=+593"
Event # = 20417									
80/10/10,22:18	Start	DOY=284	Peak	End times	SMM Pointing:	S08E39		Pitch=+213",Yaw=+595",Roll=0deg	H.Ang=41deg
Optical					Ha...Class=SF	N11W04		Mac.=EAI	Carr.Lon.=160deg
GOES	21:50	22:18	22:40		Importance=C4	Qual=01			H.Ang=6deg
BCS	21:53	22:14	22:37		CaPeak.c/s=92	Qual=1			
FCS		22:15			Peak3...c/s=159				
UVSP	22:06				Wave length=1401A	Code=00	Exp #=13300		
Event # = 20853									
80/10/11,01:00	Start	DOY=285	Peak	End times	SMM Pointing:	S08E37		Pitch=+213",Yaw=+577",Roll=0deg	H.Ang=40deg
GOES	00:58	01:00	01:10		Importance=C2	Qual=05			
BCS	01:05	01:05	01:06		CaPeak.c/s=23	Qual=			
UVSP	01:08				Wave length=1399A	Code=02	FePeak=01:05 Exp #=13304	FePeak.c/s=8 Rast=4"x4"	#Peaks=1 Step=0"
									XEN=28500 Pitch=+210",Yaw=+564"
Event # = 20418									
80/10/11,02:34	Start	DOY=285	Peak	End times	SMM Pointing:	S08E36		Pitch=+217",Yaw=+565",Roll=0deg	H.Ang=39deg
Optical					Ha...Class=SB	S12E34		Mac.=DAC	Carr.Lon.=120deg
GOES	02:22	02:34	02:42		Importance=C6	Qual=05			H.Ang=38deg
BCS	02:41	02:44	02:56		CaPeak.c/s=54	Qual=5			
FCS		02:45			Peak3...c/s=34				
HXIS		02:40			Peak...c/s=61				
UVSP	02:43				Wave length=1399A	Code=02	Exp #=13307	Rast=4"x4"	Step=0"
									Pitch=+211",Yaw=+553"
Event # = 20419									
80/10/11,04:15	Start	DOY=285	Peak	End times	SMM Pointing:	S08E35		Pitch=+218",Yaw=+551",Roll=0deg	H.Ang=38deg
Optical					Ha...Class=1B	S12E34		Mac.=DAC	Carr.Lon.=119deg
GOES	04:05	04:15	04:29		Importance=W2	Qual=05			H.Ang=38deg
BCS	04:16	04:17	04:37		CaPeak.c/s=474	Qual=5			
FCS		04:19			Peak3...c/s=223				
HXIS		04:16			Peak...c/s=555				
UVSP	04:19				Wave length=1399A	Code=02	Exp #=13310	Rast=4"x4"	Step=0"
Radio					Frequency(MHz)/Flux(sfu):	410/110 606/17 1415/19 2695/28 4995/67 8800/180 15400/46			Pitch=+198",Yaw=+574"

Event # = 1330									
80/10/11,08:20	Start	DOY=285	Peak	End times	SMM Pointing:	S08E33	Pitch=+220", Yaw=+516", Roll=0deg	H. Ang=36deg	
Optical					Ha...Class=58	S13E29	Mac.=DAC	Carr.Lon.=122deg	H. Ang=35deg
GOES	08:13	08:20	08:25	08:25	Importance=C7	Qual=01			
HXRBS	08:19:00	08:19:45	08:20:10	08:20:10	Peak...c/s=116	Qual=01	Tot Cts=1330		
BCS	08:12	08:19	08:29	08:29	CaPeak.c/s=188	Qual=1	FePeak=08:19	#Peaks=2	XEN=28588
HXIS					Peak...c/s=177				
UVSP	07:53				Wavelength=1548A	Code=00	Exp #=13319	Step=3"	Pitch=+204", Yaw=+540"
Radio	Frequency(MHz)/Flux(sfu):	2695/34	4995/67	8800/20	Associated	Event # = 1329			
HXRBS	08:14:25	08:15:30	08:16:50	08:16:50	Peak...c/s=91	Qual=01			
BCS	08:12	08:16			CaPeak.c/s=120		MaxkeV=57		
Event # = 20856									
80/10/11,10:44	Start	DOY=285	Peak	End times	SMM Pointing:	S08E31	Pitch=+223", Yaw=+489", Roll=0deg	H. Ang=34deg	
GOES	10:38	10:44	10:47	10:47	Importance=C2	Qual=01			
BCS	10:44	10:44	10:44	10:44	CaPeak.c/s=19	Qual=1	FePeak=10:44	#Peaks=1	XEN=28506
UVSP	10:43				Wavelength=1371A	Code=01	Exp #=13326	Step=10"	Pitch=+193", Yaw=+463"
Event # = 20858									
80/10/11,11:02	Start	DOY=285	Peak	End times	SMM Pointing:	S08E31	Pitch=+223", Yaw=+489", Roll=0deg	H. Ang=34deg	
GOES	10:50	11:02	11:16	11:16	Importance=C3	Qual=01			
BCS	11:00	11:00	11:03	11:03	CaPeak.c/s=27	Qual=00	FePeak=11:00	#Peaks=1	XEN=28508
UVSP	10:45				Wave length=1353A	Code=00	Exp #=13328	Step=10"	Pitch=+193", Yaw=+428"
BCS	10:58	10:58	10:58	10:58	Associated	Event # = 20857			
BCS	11:05	11:05	11:07	11:07	Qual=1	FePeak=10:58	FePeak.c/s=4	#Peaks=1	XEN=28507
FCS					Associated	Event # = 20859			
BCS	11:12	11:12	11:12	11:12	Qual=1	FePeak=11:05	FePeak.c/s=6	#Peaks=1	XEN=28510
BCS	11:14	11:14	11:14	11:14	Associated	Event # = 20860	Rast=0"x0"	Step=0"	Cad=30.7s
BCS	11:14	11:14	11:14	11:14	Qual=1	FePeak=11:14	FePeak.c/s=6	#Peaks=1	XEN=28512
BCS	11:14	11:14	11:14	11:14	Associated	Event # = 20861			
BCS	11:14	11:14	11:14	11:14	Qual=1	FePeak=11:14	FePeak.c/s=5	#Peaks=1	XEN=28513
Event # = 20862									
80/10/11,11:23	Start	DOY=285	Peak	End times	SMM Pointing:	S08E31	Pitch=+223", Yaw=+489", Roll=0deg	H. Ang=34deg	
GOES	11:16	11:23	11:57	11:57	Importance=C3	Qual=03			
BCS	11:17	11:18	11:19	11:19	CaPeak.c/s=24	Qual=1	FePeak=11:18	#Peaks=1	XEN=28597
UVSP	10:45				Wave length=1353A	Code=00	Exp #=13328	Step=10"	Pitch=+193", Yaw=+428"
BCS	11:26	11:26	11:26	11:26	Associated	Event # = 20863			
BCS	11:28	11:28	11:28	11:28	Qual=1	FePeak=11:26	FePeak.c/s=5	#Peaks=1	XEN=28517
BCS	11:28	11:28	11:28	11:28	Associated	Event # = 20864			
BCS	11:32	11:32	11:32	11:32	Qual=1	FePeak=11:28	FePeak.c/s=6	#Peaks=1	XEN=28518
BCS	11:32	11:32	11:32	11:32	Associated	Event # = 20865			
BCS	11:32	11:32	11:32	11:32	Qual=1	FePeak=11:32	FePeak.c/s=4	#Peaks=1	XEN=28519
Event # = 20866									
80/10/11,12:28	Start	DOY=285	Peak	End times	SMM Pointing:	S08E30	Pitch=+224", Yaw=+477", Roll=0deg	H. Ang=33deg	
GOES	12:21	12:28	12:32	12:32	Importance=C1	Qual=01			
BCS	12:28	12:28	12:33	12:33	CaPeak.c/s=20	Qual=1	FePeak=12:28	#Peaks=2	XEN=28593
UVSP	12:20				Wavelength=1353A	Code=00	Exp #=13332	Step=10"	Pitch=+194", Yaw=+410"

[illegible]

Event # = 20876									
80/10/11, 15:34	Start	DOY=285	Peak	End times	SMM Pointing:	S08E29	Pitch=+222", Yaw=+462", Roll=0deg	H. Ang=32deg	
Optical					Ha...Class=SM				
GOES	15:33	15:34	16:12		Importance=C4	AR2726			
BCS	15:34	15:34	15:35		CaPeak.c/s=31	Qual=01	Mac.=DAC	H. Ang=33deg	
FCS	15:35	15:35			Peak3...c/s=168	Qual=1			
UVSP	15:31				Wavelength=1353A	Code=00	FePeak.c/s=12	XEN=28532	
					Associated	Exp # = 13340	Rast=240"x240"	Step=15"	1.024s/pixel
BCS	15:37	15:37	15:37		CaPeak.c/s=19	Qual=1	Rast=180"x180"	Step=10"	Pitch=+195", Yaw=+414"
					Associated	Event # = 20871	FePeak.c/s=4	#Peaks=1	
BCS	15:40	15:40	15:40		CaPeak.c/s=20	Qual=1			XEN=28534
					Associated	Event # = 20872	FePeak.c/s=12	#Peaks=1	
BCS	15:42	15:42	15:42		CaPeak.c/s=21	Qual=1			XEN=28535
					Associated	Event # = 20873	FePeak.c/s=10	#Peaks=1	
BCS	15:50	15:50	15:50		CaPeak.c/s=20	Qual=1			XEN=28536
					Associated	Event # = 20877	FePeak.c/s=17	#Peaks=1	
BCS	15:52	15:52	15:52		CaPeak.c/s=19	Qual=1			XEN=28537
					Associated	Event # = 20878	FePeak.c/s=10	#Peaks=1	
						FePeak=15:52			XEN=28538
Event # = 20879									
80/10/11, 16:15	Start	DOY=285	Peak	End times	SMM Pointing:	S08E29	Pitch=+222", Yaw=+462", Roll=0deg	H. Ang=32deg	
GOES	16:12	16:15	16:34		Importance=C2	Qual=01			
BCS	16:16	16:16	16:16		CaPeak.c/s=19	Qual=1	FePeak=16:16		
UVSP	15:31				Wavelength=1353A	Code=00	Exp # = 13340		XEN=28539
					Associated				Pitch=+195", Yaw=+414"
Event # = 1333									
80/10/11, 17:46	Start	DOY=285	Peak	End times	SMM Pointing:	S08E28	Pitch=+223", Yaw=+446", Roll=0deg	H. Ang=31deg	
Optical					Ha...Class=1B				
GOES	17:38	17:46	17:54		Importance=C7	Qual=03	Mac.=EAI	H. Ang=34deg	
HXRBS	17:40:00	17:41:40	17:43:35		Peak...c/s=1606	Qual=01			
BCS	17:40	17:43	17:46		CaPeak.c/s=294	Qual=2	MaxkeV=131		
FCS	17:45	17:45			Peak3...c/s=349		FePeak.c/s=69	dt= 0.5s	XEN=28502
HXIS	17:44	17:44			Peak...c/s=452		Rast=120"x120"	Cad=65.5s	1.024s/pixel
UVSP	17:07				Wavelength=1353A	Code=00			
Radio	Frequency(MHz)/Flux(sfu):	8800/130				Exp # = 13344	Rast=180"x180"	Step=10"	Pitch=+191", Yaw=+411"
Event # = 20880									
80/10/11, 18:37	Start	DOY=285	Peak	End times	SMM Pointing:	S08E28	Pitch=+223", Yaw=+446", Roll=0deg	H. Ang=31deg	
GOES	18:33	18:37	18:51		Importance=C4	Qual=05			
BCS	18:41	18:41	18:41		CaPeak.c/s=21	Qual=1	FePeak.c/s=9	#Peaks=1	XEN=28540
UVSP	18:42				Wavelength=1546A	Code=02	Rast=3"x3"	Step=0"	Pitch=+192", Yaw=+397"
					Associated	Event # = 20881			
BCS	18:43	18:43	18:43		CaPeak.c/s=22	Qual=1	FePeak.c/s=2	#Peaks=1	XEN=28541
Event # = 20882									
80/10/11, 18:46	Start	DOY=285	Peak	End times	SMM Pointing:	S08E27	Pitch=+227", Yaw=+435", Roll=0deg	H. Ang=31deg	
GOES	18:46	18:46	18:47		CaPeak.c/s=21	Qual=00			
BCS	18:42	18:46	18:47		Wavelength=1546A	Qual=1	FePeak=18:46	#Peaks=1	XEN=28542
UVSP	18:42						Exp # = 13346	Step=0"	Pitch=+192", Yaw=+397"

Event # = 20883									
80/10/11,18:49	DOY=285	End times	SMM Pointing:	S08E27	Pitch=+227" , Yaw=+435" , Roll=0deg	H. Ang=31deg			
GOES 18:49	Peak			Qual=00					
BCS 18:49	18:49	18:49	CaPeak.c/s=20	Qual=1	FePeak=18:49	XEN=28544			
UVSP 18:42	18:42		Wavelength=1546A		Exp #=13346	Rast=3"x3" Pitch=+192" , Yaw=+397"			
Event # = 20884									
80/10/11,18:51	DOY=285	End times	SMM Pointing:	S08E27	Pitch=+227" , Yaw=+435" , Roll=0deg	H. Ang=31deg			
GOES 18:51	Peak			Qual=00					
BCS 18:51	18:51	18:51	CaPeak.c/s=20	Qual=1	FePeak=18:51	XEN=28545			
UVSP 18:50	18:50		Wavelength=1548A		Exp #=13347	Rast=240"x240" Pitch=+164" , Yaw=+362"			
Event # = 20885									
80/10/11,18:55	DOY=285	End times	SMM Pointing:	S08E27	Pitch=+227" , Yaw=+435" , Roll=0deg	H. Ang=31deg			
GOES 18:54	Peak			Qual=01					
BCS 18:55	18:55	19:11	Importance=C3	Qual=1	FePeak=18:55	XEN=28546			
UVSP 18:50	18:55	18:55	CaPeak.c/s=22	Qual=1	Rast=240"x240" Step=3" Pitch=+164" , Yaw=+362"				
			Wavelength=1548A	Code=00	Exp #=13347				
			Associated	Event # = 20886					
			Qual=1	FePeak=18:58	FePeak.c/s=3 #Peaks=1	XEN=28547			
BCS 18:58	18:58	18:58	CaPeak.c/s=19	Qual=1	FePeak=18:58				
Event # = 1334									
80/10/11,20:21	DOY=285	End times	SMM Pointing:	S08E26	Pitch=+227" , Yaw=+414" , Roll=0deg	H. Ang=29deg			
Optical 20:13	Peak			N09W21	Mac.=EAI Carr. Lon.=165deg	H. Ang=21deg			
GOES 20:13	20:21	20:29	Ha...Class=SB	Qual=01					
HRBS 20:15:05	20:18:35	20:20:10	Importance=C7	Qual=01	AR2724				
UVSP 20:17	20:50		Peak...c/s=102	Qual=01	Tot Cts=3355	XEN=28549			
Radio Frequency(MHz)/Flux(sfu):			Wavelength=1546A	Code=00	Exp #=13349	Rast=3"x3" Step=0" Pitch=+205" , Yaw=+361"			
			1415/87 4995/11 8800/52						
Event # = 20887									
80/10/11,20:50	DOY=285	End times	SMM Pointing:	S08E26	Pitch=+227" , Yaw=+414" , Roll=0deg	H. Ang=29deg			
GOES 20:47	Peak			Qual=01					
BCS 20:50	20:50	21:00	Importance=C3	Qual=1	FePeak=20:50	XEN=28549			
UVSP 20:41	20:50	20:50	CaPeak.c/s=21	Qual=1	Exp #=13351	Rast=30"x30" Step=3" Pitch=+270" , Yaw=+361"			
Event # = 1335									
80/10/11,23:48	DOY=285	End times	SMM Pointing:	S11E24	Pitch=+275" , Yaw=+386" , Roll=0deg	H. Ang=29deg			
Optical 23:42	Peak			N10W23	Mac.=EAI Carr. Lon.=165deg	H. Ang=23deg			
GOES 23:42	23:48	23:56	Ha...Class=SB	Qual=01	AR2724				
HRBS 23:43:50	23:46:20	23:49:00	Importance=C8	Qual=01	Tot Cts=4340	XEN=28549			
UVSP 23:39	23:58	00:05	Peak...c/s=109	Qual=01	Exp #=13357	Rast=59"x59" Step=4" Pitch=+290" , Yaw=+320"			
Radio Frequency(MHz)/Flux(sfu):			Wavelength=1392A	Code=00					
			606/36						
Event # = 20423									
80/10/11,23:58	DOY=285	End times	SMM Pointing:	S11E24	Pitch=+275" , Yaw=+386" , Roll=0deg	H. Ang=29deg			
GOES 23:56	Peak			Qual=01					
BCS 23:55	23:58	00:00	Importance=C1	Qual=01	Exp #=13357	XEN=28549			
UVSP 23:39	23:58	00:05	CaPeak.c/s=20	Qual=01	Exp #=13357	Rast=59"x59" Step=4" Pitch=+290" , Yaw=+320"			
			Wavelength=1392A	Code=00					

Event # = 20893									
80/10/12, 10:02	DOY=286		SMM Pointing:	S11E19		Pitch=+279", Yaw=+303", Roll=0deg		H. Ang=25deg	
Start	Peak	End times							
GOES 10:02	10:02	10:02	CaPeak.c/s=19	Qual=06		FePeak.c/s=10	#Peaks=1	XEN=28620	
BCS 10:40			Wavelength=1399A	Qual=1		Rast=4"x4"	Step=0"	Pitch=+311", Yaw=+224"	
UVSP 10:50									
Event # = 1344									
80/10/12, 10:52	DOY=286		SMM Pointing:	S11E18		Pitch=+279", Yaw=+288", Roll=0deg		H. Ang=25deg	
Start	Peak	End times							
GOES 10:45	10:52	11:02	Importance=C4	Qual=01		MaxkeV=57			
HXRBS 10:47:30	10:48:10	10:49:30	Peak...c/s=70	Qual=01		FePeak.c/s=6	#Peaks=1	XEN=28622	
BCS 10:51	10:51	10:51	CaPeak.c/s=21	Qual=1		Rast=60"x60"	Step=4"	Pitch=+299", Yaw=+212"	
UVSP 10:50			Wavelength=1401A	Code=00		Event # = 20894			
BCS 10:58	10:58	10:59	CaPeak.c/s=20	Qual=1	Associated	FePeak=10:51			
BCS 10:53	10:53	10:53	CaPeak.c/s=19	Qual=1	Associated	Exp # = 13379			
BCS 10:49	10:49	10:49	CaPeak.c/s=20	Qual=1	Associated	Event # = 20895			
UVSP 10:45			Wavelength=1401A	Code=00		FePeak=10:53	#Peaks=1	XEN=28623	
Event # = 20897									
80/10/12, 11:02	DOY=286		SMM Pointing:	S11E18		Pitch=+279", Yaw=+288", Roll=0deg		H. Ang=25deg	
Start	Peak	End times							
GOES 11:01	11:02	11:10	Importance=C3	Qual=01		FePeak.c/s=6	#Peaks=1	XEN=28666	
BCS 11:01	11:02	11:02	CaPeak.c/s=25	Qual=1		Rast=60"x60"	Step=4"	Pitch=+299", Yaw=+212"	
UVSP 10:50			Wavelength=1401A	Code=00		Event # = 20898			
BCS 11:05	11:05	11:05	CaPeak.c/s=19	Qual=1	Associated	FePeak=11:02			
Event # = 20899									
80/10/12, 11:14	DOY=286		SMM Pointing:	S11E18		Pitch=+279", Yaw=+288", Roll=0deg		H. Ang=25deg	
Start	Peak	End times							
GOES 11:11	11:14	11:19	Importance=C3	Qual=01		FePeak.c/s=8	#Peaks=1	XEN=28667	
BCS 11:14	11:15	11:15	CaPeak.c/s=21	Qual=1		Rast=60"x60"	Step=4"	Pitch=+299", Yaw=+212"	
UVSP 10:50			Wavelength=1401A	Code=00		Event # = 13379			
Event # = 20900									
80/10/12, 11:38	DOY=286		SMM Pointing:	S11E18		Pitch=+279", Yaw=+288", Roll=0deg		H. Ang=25deg	
Start	Peak	End times							
GOES 11:33	11:38	11:49	Importance=C2	Qual=03		FePeak.c/s=16	#Peaks=1	XEN=28632	
BCS 11:38	11:38	11:38	CaPeak.c/s=20	Qual=1		Rast=60"x60"	Step=4"	Pitch=+299", Yaw=+212"	
UVSP 10:50			Wavelength=1401A	Code=00		Event # = 20903			
BCS 11:35	11:35	11:35	CaPeak.c/s=20	Qual=1	Associated	FePeak=11:35	#Peaks=1	XEN=28631	
Event # = 1345									
80/10/12, 12:19	DOY=286		SMM Pointing:	S11E18		Pitch=+277", Yaw=+285", Roll=0deg		H. Ang=24deg	
Start	Peak	End times							
GOES 12:18	12:19	12:21	Importance=C1	Qual=01		MaxkeV=57			
HXRBS 12:18:50	12:19:30	12:20:25	Peak...c/s=114	Qual=01		Rast=3"x3"	Step=0"	Pitch=+299", Yaw=+200"	
UVSP 12:15			Wavelength=1546A	Code=00		Tot Cts=855			
Event # = 13381									
80/10/12, 12:15	DOY=286		SMM Pointing:	S11E18		Pitch=+277", Yaw=+285", Roll=0deg		H. Ang=24deg	
Start	Peak	End times							
GOES 12:18	12:19	12:21	Importance=C1	Qual=01		MaxkeV=57			
HXRBS 12:18:50	12:19:30	12:20:25	Peak...c/s=114	Qual=01		Rast=3"x3"	Step=0"	Pitch=+299", Yaw=+200"	
UVSP 12:15			Wavelength=1546A	Code=00		Tot Cts=855			

Event # = 20901	DOY=286	S11E16	Pitch=+277", Yaw=+268", Roll=0deg	H.Ang=24deg
80/10/12,13:57	Peak			
Optical	End times	SMM Pointing:		
GOES 13:50	14:00	Ha...Class=SF		
GOES 13:57	13:57	Importance=C3		
BCS 13:58	13:58	CaPeak.c/s=22		
UVSP 13:51		Wavelength=1546A		
		Code=00		
		Associated		
		Qual=1		
BCS 13:56	13:56	CaPeak.c/s=21		
Event # = 20905	DOY=286	S11E16	Pitch=+277", Yaw=+268", Roll=0deg	H.Ang=24deg
80/10/12,14:23	Peak			
Optical	End times	SMM Pointing:		
GOES 14:00	14:46	Importance=C7		
GOES 14:00	14:23	CaPeak.c/s=21		
BCS 14:10	14:10	Wavelength=1548A		
UVSP 14:15		Code=00		
		Associated		
		Qual=1		
BCS 14:08	14:08	CaPeak.c/s=19		
UVSP 13:59		Wavelength=1548A		
Event # = 1346	DOY=286	S11E15	Pitch=+281", Yaw=+251", Roll=0deg	H.Ang=23deg
80/10/12,15:57	Peak			
Optical	End times	SMM Pointing:		
GOES 15:52	15:57	Ha...Class=SN		
GOES 15:52	15:52	Importance=C7		
HXRBS 15:52:50	15:53:55	Peak...c/s=697		
BCS 15:53	15:55	CaPeak.c/s=131		
FCS 16:03	16:07	Peak3...c/s=459		
HXIS 15:55		Peak...c/s=120		
UVSP 15:37		Wavelength=1401A		
Radio	Frequency(MHz)/Flux(sfu):	4995/41 8800/100		
		Associated		
		Qual=1		
BCS 15:44	15:44	CaPeak.c/s=19		
Event # = 1347	DOY=286	S11E12	Pitch=+282", Yaw=+204", Roll=0deg	H.Ang=21deg
80/10/12,21:48	Peak			
Optical	End times	SMM Pointing:		
GOES 21:46	21:53	Importance=C3		
GOES 21:48	21:48	Peak...c/s=74		
HXRBS 21:48:10	21:48:55	Wavelength=1399A		
UVSP 21:50		Code=02		
Event # = 1348	DOY=287	S12E08	Pitch=+297", Yaw=+133", Roll=0deg	H.Ang=20deg
80/10/13,03:12	Peak			
Optical	End times	SMM Pointing:		
GOES 03:09	03:12	Ha...Class=SF		
GOES 03:11	03:16	Importance=C3		
HXRBS 03:11:25	03:12:10	Peak...c/s=75		
UVSP 02:47	03:13:05	Wavelength=1401A		
Radio Sweeps	Type/Intensity:	111/1		
Event # = 1349	DOY=287	N07N39	Pitch=+291", Yaw=+171"	H.Ang=39deg
80/10/13,03:12	Peak			
Optical	End times	SMM Pointing:		
GOES 03:09	03:12	Ha...Class=SF		
GOES 03:11	03:16	Importance=C3		
HXRBS 03:11:25	03:12:10	Peak...c/s=75		
UVSP 02:47	03:13:05	Wavelength=1401A		
Radio Sweeps	Type/Intensity:	111/1		
Event # = 1350	DOY=287	N07N39	Pitch=+302", Yaw=+65"	H.Ang=39deg
80/10/13,03:12	Peak			
Optical	End times	SMM Pointing:		
GOES 03:09	03:12	Ha...Class=SF		
GOES 03:11	03:16	Importance=C3		
HXRBS 03:11:25	03:12:10	Peak...c/s=75		
UVSP 02:47	03:13:05	Wavelength=1401A		
Radio Sweeps	Type/Intensity:	111/1		

Event # = 1349									
80/10/13,03:24	Start	DOY=287	Peak	End times	SMM Pointing:	S12E08		Pitch=+297", Yaw=+133", Roll=0deg	H. Ang=20deg
Optical					Ha...Class=SF	N07W39	AR2724	Mac.=FKI	Carr. Lon.=166deg
GOES	03:20	03:24	03:30	03:24:10	Importance=C4	Qual=01		MaxkeV=57	H. Ang=39deg
HXRBS	03:23:20	03:24:10	03:24:35		Peak...c/s=167	Qual=01	Tot Cts=1425	Rast=60" x60"	
UVSP	02:47				Wavelength=1401A	Code=00	Exp #=13411	Step=4"	Pitch=+302", Yaw=+65"
Event # = 1350									
80/10/13,04:17	Start	DOY=287	Peak	End times	SMM Pointing:	S12E07		Pitch=+298", Yaw=+119", Roll=0deg	H. Ang=19deg
Optical					Ha...Class=2B	S13E03	AR2725	Mac.=EAI	Carr. Lon.=124deg
GOES	04:10	04:17	04:33	04:16:40	Importance=M2	Qual=01		MaxkeV=131	H. Ang=19deg
HXRBS	04:11:35	04:16:40	04:21:35		Peak...c/s=756	Qual=01	Tot Cts=88800		
HXIS	04:17				Peak...c/s=853	Code=00	Exp #=13412	Rast=4" x4"	
UVSP	04:14				Wavelength=1397A			Step=0"	Pitch=+302", Yaw=+52"
Event # = 1351									
80/10/13,06:20	Start	DOY=287	Peak	End times	SMM Pointing:	S12E06		Pitch=+299", Yaw=+104", Roll=0deg	H. Ang=19deg
Optical					Ha...Class=SB	N14W16	AR2717	Mac.=EAI	Carr. Lon.=141deg
GOES	06:15	06:20	06:27	06:17:45	Importance=C4	Qual=01		MaxkeV=131	H. Ang=18deg
HXRBS	06:16:40	06:17:45	06:20:05		Peak...c/s=729	Qual=01	Tot Cts=22960	Rast=28" x28"	
UVSP	06:02				Wavelength=1401A	Code=00	Exp #=13417	Step=4"	Pitch=+242", Yaw=+105"
Radio Sweeps		Type/Intensity:			V/3				
Radio Frequency (MHz)/Flux(sfu):		245/150	410/56	606/100	1415/31	2695/59	4995/41	8800/23	
Event # = 1352									
80/10/13,07:53	Start	DOY=287	Peak	End times	SMM Pointing:	S12E05		Pitch=+296", Yaw=+89", Roll=0deg	H. Ang=19deg
Optical					Ha...Class=SB	N12W37	AR2724	Mac.=FKI	Carr. Lon.=162deg
GOES	07:48	07:53	08:03	07:48:15	Importance=C7	Qual=01		MaxkeV=57	H. Ang=37deg
HXRBS	07:42:55	07:45:35	07:48:15		Peak...c/s=76	Qual=01	Tot Cts=960	Rast=30" x30"	
UVSP	07:48				Wavelength=1548A	Code=00	Exp #=13421	Step=3"	Pitch=+310", Yaw=+32"
Radio Frequency (MHz)/Flux(sfu):		2695/19	4995/21	8800/19					
HXRBS	07:49:30	07:51:35	07:54:40		Associated	Event # = 1353			
					Peak...c/s=69	Qual=01	Tot Cts=630	MaxkeV=57	
Event # = 1354									
80/10/13,08:33	Start	DOY=287	Peak	End times	SMM Pointing:	S12E05		Pitch=+296", Yaw=+89", Roll=0deg	H. Ang=19deg
Optical					Ha...Class=SB	N12W37	AR2724	Mac.=FKI	Carr. Lon.=161deg
GOES	08:20	08:33	09:35	08:21:55	Importance=M1	Qual=02		MaxkeV=57	H. Ang=37deg
HXRBS	08:21:10	08:21:55	08:24:20		Peak...c/s=76	Qual=01	Exp #=13423	Rast=3" x3"	
UVSP	09:00				Wavelength=1398A			Step=0"	Pitch=+310", Yaw=+21"
Event # = 1355									
80/10/13,09:46	Start	DOY=287	Peak	End times	SMM Pointing:	S12E05		Pitch=+299", Yaw=+74", Roll=0deg	H. Ang=19deg
Optical					Ha...Class=1B	N12W41	AR2724	Mac.=FKI	Carr. Lon.=165deg
GOES	09:40	09:46	10:05	09:43:51	Importance=M2	Qual=01		MaxkeV=131	H. Ang=41deg
HXRBS	09:40:50	09:43:51	09:53:51		Peak...c/s=1982	Qual=01	Tot Cts=1.16E+5	Rast=60" x60"	
UVSP	09:18				Wavelength=1401A	Code=00	Exp #=13426	Flags=M	
Radio Frequency (MHz)/Flux(sfu):		2695/28	4995/38	8800/61				Step=3"	Pitch=+286", Yaw=+27"

Event # = 1363									
80/10/13	20:36	Start	D0Y=287	Peak	End times	SMM Pointing:	S12W01	Pitch=+296", Yaw=-19", Roll=0deg	H. Ang=18deg
Optical						Ha...Class=1N		Mac.=EAI	
GOES	20:29	20:36	20:36	20:50		Importance=C5	N15W23	Carr. Lon.=141deg	H. Ang=24deg
HXRBS	20:34:30	20:35:45	20:37:20			Peak...c/s=204	Qual=01	MaxkeV=131	
UVSP	20:28					Wavelength=1401A	Code=00	Rast=60"x60"	Pitch=+241", Yaw=-30"
Radio						Type/Intensity:		Step=3"	
Frequency (MHz)/Flux(sfu):	245/210	410/30	606/67						
Event # = 1364									
80/10/13	22:15	Start	D0Y=287	Peak	End times	SMM Pointing:	S12W02	Pitch=+297", Yaw=-36", Roll=0deg	H. Ang=18deg
Optical						Ha...Class=SF		Mac.=EAI	
GOES	22:12	22:15	22:34			Importance=C5	N15W34	Carr. Lon.=151deg	H. Ang=35deg
HXRBS	22:13:45	22:15:30	22:17:55			Peak...c/s=289	Qual=01	MaxkeV=57	
HXIS	22:16					Peak...c/s=116		Rast=30"x30"	Pitch=+298", Yaw=-139"
UVSP	22:11					Wavelength=1548A	Code=00	Step=3"	
Radio						Frequency (MHz)/Flux(sfu):	2695/27 4995/21 8800/47 15400/44		
Event # = 1365									
80/10/13	23:21	Start	D0Y=287	Peak	End times	SMM Pointing:	S12W03	Pitch=+297", Yaw=-43", Roll=0deg	H. Ang=18deg
Optical						Ha...Class=SB		Mac.=FKI	
GOES	23:20	23:21	23:24			Importance=C3	N12W46	Carr. Lon.=162deg	H. Ang=46deg
HXRBS	23:21:40	23:21:55	23:22:40			Peak...c/s=133	Qual=01	MaxkeV=57	
UVSP	23:22					Wavelength=1546A	Code=02	Rast=3"x3"	Pitch=+328", Yaw=-213"
Event # = 1366									
80/10/13	23:39	Start	D0Y=287	Peak	End times	SMM Pointing:	S14W07	Pitch=+329", Yaw=-119", Roll=0deg	H. Ang=21deg
Optical						Ha...Class=SN		Mac.=EKI	
GOES	23:38	23:39	23:42			Importance=C3	S08W04	Carr. Lon.=120deg	H. Ang=14deg
HXRBS	23:38:20	23:39:35	23:39:55			Peak...c/s=75	Qual=01	MaxkeV=57	
UVSP	23:30					Wavelength=1548A	Code=00	Rast=240"x240"	Pitch=+267", Yaw=-207"
Event # = 1367									
80/10/13	23:50	Start	D0Y=287	Peak	End times	SMM Pointing:	S14W07	Pitch=+329", Yaw=-119", Roll=0deg	H. Ang=21deg
Optical						Ha...Class=SF		Mac.=CSI	
GOES	23:46	23:50	23:57			Importance=C4	N07E61	Carr. Lon.=55deg	H. Ang=61deg
HXRBS	23:45:40	23:47:10	23:50:40			Peak...c/s=80	Qual=01	MaxkeV=57	
UVSP	23:46					Wavelength=1548A	Code=00	Rast=30"x30"	Pitch=+244", Yaw=-314"
Event # = 1368									
80/10/14	00:13	Start	D0Y=288	Peak	End times	SMM Pointing:	S14W07	Pitch=+329", Yaw=-119", Roll=0deg	H. Ang=21deg
Optical						Ha...Class=SB		Mac.=CS0	
GOES	00:10	00:13	00:20			Importance=C5	N07E71	Carr. Lon.=45deg	H. Ang=70deg
HXRBS	00:10:45	00:11:30	00:12:50			Peak...c/s=175	Qual=01	MaxkeV=131	
UVSP	23:46					Wavelength=1548A	Code=00	Flags=M	
Radio						Frequency (MHz)/Flux(sfu):	410/15 606/18 2695/26 4995/38 15400/19	Step=3"	Pitch=+244", Yaw=-314"

Event # = 20425									
80/10/14,01:30	DOY=288	Start	End times	SMM Pointing:	S14W08	Pitch=+329",Yaw=-134",Roll=0deg	H.Ang=22deg		
Optical	Peak			Ha...Class=SN	S11W10	Mac.=EKI	Carr.Lon.=125deg	H.Ang=20deg	
GOES 01:25	01:30	01:35		Importance=C2	Qual=01	AR2725			
HXIS 01:26	01:26			Peak...c/s=43					
UVSP 01:08				Wavelength=1401A	Code=00	Exp #=13465	Pitch=+294",Yaw=-112"		
Event # = 1369									
80/10/14,02:39	DOY=288	Start	End times	SMM Pointing:	S14W09	Pitch=+329",Yaw=-148",Roll=0deg	H.Ang=22deg		
Optical	Peak			Ha...Class=SB	N10W55	Mac.=FKI	Carr.Lon.=169deg	H.Ang=55deg	
GOES 02:36	02:39	02:44		Importance=C2	Qual=01	AR2724			
HXRBS 02:37:10	02:37:45	02:38:10		Peak...c/s=162	Qual=01	Tot Cts=1482			
UVSP 02:35				Wavelength=1399A	Code=00	Exp #=13466	Pitch=+294",Yaw=-125"		
Radio				Frequency(MHz)/Flux(sfu):	8800/21				
Event # = 1370									
80/10/14,03:03	DOY=288	Start	End times	SMM Pointing:	S14W09	Pitch=+329",Yaw=-148",Roll=0deg	H.Ang=22deg		
Optical	Peak			Ha...Class=SB	N12W26	Mac.=EAI	Carr.Lon.=140deg	H.Ang=26deg	
GOES 02:44	03:03	03:14		Importance=C4	Qual=01	AR2717			
HXRBS 02:45:05	02:45:30	02:50:55		Peak...c/s=266	Qual=01	Tot Cts=3327			
UVSP 02:44				Wavelength=1401A	Code=00	Exp #=13468	Pitch=+225",Yaw=-127"		
				Associated	Event # = 1371				
HXRBS 02:53:00	02:57:40	03:00:20		Peak...c/s=75	Qual=01	MaxkeV=57			
Event # = 1372									
80/10/14,04:13	DOY=288	Start	End times	SMM Pointing:	S14W10	Pitch=+327",Yaw=-161",Roll=0deg	H.Ang=22deg		
Optical	Peak			Importance=C2	Qual=01	MaxkeV=131			
GOES 04:11	04:13	04:18		Peak...c/s=712	Qual=01	Rast=4"x4"	Pitch=+225",Yaw=-139"		
HXRBS 04:12:55	04:13:15	04:13:30		Wavelength=1399A	Code=00	Tot Cts=4324			
UVSP 04:11						Exp #=13469			
Event # = 20426									
80/10/14,04:35	DOY=288	Start	End times	SMM Pointing:	S14W10	Pitch=+327",Yaw=-161",Roll=0deg	H.Ang=22deg		
Optical	Peak			Ha...Class=SN	S09W07	Mac.=EKI	Carr.Lon.=120deg	H.Ang=16deg	
GOES 04:29	04:35	04:40		Importance=C3	Qual=01	AR2725			
HXIS 04:34	04:34			Peak...c/s=61					
UVSP 04:21				Wavelength=1401A	Code=00	Exp #=13471	Pitch=+290",Yaw=-209"		
Event # = 1373									
80/10/14,05:45	DOY=288	Start	End times	SMM Pointing:	S14W10	Pitch=+327",Yaw=-161",Roll=0deg	H.Ang=22deg		
Optical	Peak			Ha...Class=SB	S09W07	Mac.=EKI	Carr.Lon.=120deg	H.Ang=16deg	
GOES 05:39	05:45	05:55		Importance=M2	Qual=04	AR2725			
HXRBS 05:44:15	05:46:15	05:52:50		Peak...c/s=399	Qual=02	AR2724	Carr.Lon.=162deg	H.Ang=49deg	
UVSP 05:46				Wavelength=1399A	Code=02	Tot Cts=24420	Flags=SN		
						Exp #=13472	Step=0"	Pitch=+323",Yaw=-182"	

Event # = 1374									
80/10/14, 06:11	DOY=288	Start	End times	SMM Pointing:	S14W11	Pitch=+329", Yaw=-177", Roll=0deg	H. Ang=23deg		
Optical				Ha...Class=38	S09W07	Mac.=EKI	Carr. Lon.=119deg	H. Ang=16deg	
GOES 05:58	06:11	06:32		Importance=X3	Qual=01				
HXRBS 05:57:50	06:08:55	06:33:00		Peak...c/s=39583	Qual=01				
BCS 05:44	06:14	06:45		CaPeak.c/s=7821	Qual=1				
FCS 06:18				Peak3...c/s=5498					
HXTS 06:28				Peak...c/s=3632					
UVSP 05:57				Wave length=1401A	Code=00				
Radio Sweeps				II/1					
Radio Frequency (MHz)/Flux(sfu):	Type/Intensity:			245/200 1415/110 2695/120 4995/340 8800/920 15400/480					
BCS 07:20	07:21	08:20		CaPeak.c/s=154	Qual=5				
FCS 07:27				Peak3...c/s=256					
HXTS 07:20				Peak...c/s=112					
UVSP 07:22				Wave length=1399A					
Event # = 1375									
80/10/14, 08:02	DOY=288	Start	End times	SMM Pointing:	S14W12	Pitch=+329", Yaw=-193", Roll=0deg	H. Ang=23deg		
GOES 08:00	08:02	08:03		Importance=C8	Qual=01				
HXRBS 08:00:50	08:01:35	08:02:40		Peak...c/s=248	Qual=01				
UVSP 07:32				Wave length=1401A	Code=00				
Event # = 1376									
80/10/14, 08:10	DOY=288	Start	End times	SMM Pointing:	S14W12	Pitch=+329", Yaw=-193", Roll=0deg	H. Ang=23deg		
GOES 08:05	08:10	08:20		Importance=C9	Qual=01				
HXRBS 08:05:50	08:08:05	08:10:50		Peak...c/s=94	Qual=01				
UVSP 07:32				Wave length=1401A	Code=00				
Event # = 20428									
80/10/14, 08:55	DOY=288	Start	End times	SMM Pointing:	S14W12	Pitch=+329", Yaw=-193", Roll=0deg	H. Ang=23deg		
GOES 08:45	08:55	09:03		Importance=C7	Qual=04				
BCS 08:56	08:57	09:38		CaPeak.c/s=102	Qual=5				
FCS 09:02				Peak3...c/s=160					
HXTS 08:56				Peak...c/s=101					
UVSP 08:57				Wave length=1399A	Code=02				
Event # = 1377									
80/10/14, 09:19	DOY=288	Start	End times	SMM Pointing:	S14W13	Pitch=+328", Yaw=-205", Roll=0deg	H. Ang=24deg		
GOES 09:19:15	09:19:40	09:20:10		Peak...c/s=70	Qual=00				
HXRBS 09:07				Wave length=1401A	Qual=01				
UVSP 09:07									
Event # = 1378									
80/10/14, 09:45	DOY=288	Start	End times	SMM Pointing:	S14W13	Pitch=+328", Yaw=-205", Roll=0deg	H. Ang=24deg		
GOES 09:40	09:45	09:55		Importance=C7	Qual=01				
HXRBS 09:42:55	09:43:50	09:46:10		Peak...c/s=167	Qual=01				
UVSP 09:07				Wave length=1401A	Code=00				
Event # = 1379									
80/10/14, 09:45	DOY=288	Start	End times	SMM Pointing:	S14W13	Pitch=+328", Yaw=-205", Roll=0deg	H. Ang=24deg		
GOES 09:40	09:45	09:55		Importance=C7	Qual=01				
HXRBS 09:42:55	09:43:50	09:46:10		Peak...c/s=167	Qual=01				
UVSP 09:07				Wave length=1401A	Code=00				

Event # = 1386																				
80/10/14, 22:22	DOY=288	End times	SMM Pointing:	S14W20	Pitch=+322", Yaw=-315", Roll=0deg	H. Ang=28deg														
GOES 22:20	Peak 22:22	22:23	Importance=C2	Qual=01																
HXRBS 22:22:00	22:23:05	22:23:35	Peak...c/s=177	Qual=01																
UVSP 22:01	22:23:00		Wavelength=1410A	Code=00																
Tot Cts=380																				
Exp # = 13508																				
Step=3" Pitch=+231", Yaw=-296"																				
MaxkeV=57																				
Rast=60"x60"																				
Event # = 1387																				
80/10/14, 22:24	DOY=288	End times	SMM Pointing:	S14W20	Pitch=+322", Yaw=-315", Roll=0deg	H. Ang=28deg														
GOES 22:23	Peak 22:24	22:25	Importance=C2	Qual=01																
HXRBS 22:24:15	22:24:50	22:25:35	Peak...c/s=84	Qual=01																
UVSP 22:01	22:24:00		Wavelength=1410A	Code=00																
Exp # = 13508																				
Step=3" Pitch=+231", Yaw=-296"																				
MaxkeV=57																				
Rast=60"x60"																				
Event # = 1388																				
80/10/15, 00:57	DOY=289	End times	SMM Pointing:	N06W00	Pitch=+4", Yaw=-5", Roll=0deg	H. Ang=0deg														
GOES 00:56	Peak 00:57	00:59	Importance=C1	Qual=01																
HXRBS 00:57:00	00:57:45	00:58:35	Peak...c/s=93	Qual=01																
UVSP 00:08	00:57:00		Wavelength=1551A																	
Exp # = 13515																				
Step=3" Pitch=-578", Yaw=-163"																				
MaxkeV=57																				
Rast=30"x30"																				
Event # = 1389																				
80/10/15, 01:07	DOY=289	End times	SMM Pointing:	N00E85	Pitch=+1", Yaw=+961", Roll=0deg	H. Ang=85deg														
GOES 01:04	Peak 01:07	01:12	Importance=C2	Qual=01																
HXRBS 01:07:00	01:07:55	01:08:20	Peak...c/s=95	Qual=01																
UVSP 00:08	01:07:00		Wavelength=1551A																	
Exp # = 13515																				
Step=3" Pitch=-578", Yaw=-163"																				
MaxkeV=57																				
Rast=30"x30"																				
Event # = 1390																				
80/10/15, 01:16	DOY=289	End times	SMM Pointing:		Pitch=+2", Yaw=-965", Roll=0deg															
Optical					Mac.=CS0	Carr. Lon.=170deg				H. Ang=73deg										
GOES 01:14	Peak 01:16	01:24	Ha...Class=SF	S24W68																
HXRBS 01:16:25	01:16:50	01:17:55	Importance=C2	Qual=01																
UVSP 00:08	01:16:25		Peak...c/s=329	Qual=01																
Tot Cts=1800																				
Exp # = 13515																				
Step=3" Pitch=-578", Yaw=-163"																				
MaxkeV=57																				
Rast=30"x30"																				
Event # = 1391																				
80/10/15, 02:34	DOY=289	End times	SMM Pointing:	S09W19	Pitch=+244", Yaw=-308", Roll=0deg	H. Ang=24deg														
Optical					Mac.=EKI	Carr. Lon.=121deg				H. Ang=25deg										
GOES 02:28	Peak 02:34	02:38	Ha...Class=SN	S10W20																
HXRBS 02:29:40	02:30:25	02:31:55	Importance=C3	Qual=04																
BCS 02:30	02:32	02:37	Peak...c/s=157	Qual=01																
FCS 02:37	02:37		CaPeak.c/s=48	Qual=4																
HXIS 02:30	02:30		Peak3...c/s=152																	
Radio Sweeps	Type/Intensity:		Peak...c/s=80																	
Radio Frequency (MHz)/Flux(sfu):	4995/63	8800/53	III/1																	
#Peaks=1 dt= 6.3s XEM=28900																				
Step=0" Cad=30.7s 30.72s/pixel																				
Event # = 1392																				
80/10/15, 02:40	DOY=289	End times	SMM Pointing:	S09W19	Pitch=+244", Yaw=-308", Roll=0deg	H. Ang=24deg														
Optical																				
GOES 02:38	Peak 02:40	02:41	Importance=C2	Qual=01																
HXRBS 02:40:00	02:40:45	02:41:05	Peak...c/s=160	Qual=01																
AR2725																				
Tot Cts=715																				
Exp # = 13515																				
Step=3" Pitch=-578", Yaw=-163"																				
MaxkeV=131																				

[illegible]

Event # = 1403 80/10/15, 15:52 Start	DOY=289 Peak	End times	SMM Pointing: Ha...Class=1B Importance=C9 Peak...c/s=152 Wavelength=1548A	S09W27 N10W48 Qual=02 Qual=13 Code=00	Pitch=+238", Yaw=-427", Roll=0deg Carr. Lon.=142deg Flags=M, ES, IS Step=3" Pitch=+223", Yaw=-467"	H. Ang=30deg H. Ang=48deg
Optical GOES 15:47 15:52 HXRBS 15:48:50 15:49:45 15:50:05 UVSP 15:36				Tot Cts=3400 Exp #=13553	Mac.=EAO MaxkeV=57 Rast=9"x9"	
Event # = 1404 80/10/15, 20:21 Start	DOY=289 Peak	End times	SMM Pointing: Importance=C2 Peak...c/s=91 Wavelength=1549A	S09W29 Qual=01 Qual=01 Code=00	Pitch=+236", Yaw=-467", Roll=0deg MaxkeV=57 Rast=240"x240" Step=3" Pitch=+175", Yaw=-535"	H. Ang=33deg
GOES 20:21 20:22:05 20:23:05 HXRBS 20:21:35 20:22:05 20:23:05 UVSP 20:07				Exp #=13561		
Event # = 1405 80/10/15, 20:30 Start	DOY=289 Peak	End times	SMM Pointing: Ha...Class=SF Importance=C2 Peak...c/s=89 Wavelength=1549A	S09W29 S28E16 Qual=01 Qual=01 Code=00	Pitch=+236", Yaw=-467", Roll=0deg Mac.=DAO MaxkeV=57 Rast=9"x9" Step=3" Pitch=+281", Yaw=-493"	H. Ang=33deg H. Ang=37deg
Optical GOES 20:29 20:30 20:31:30 20:32:00 HXRBS 20:30:50 20:31:30 20:32:00 UVSP 20:22				Exp #=13562		
Event # = 1406 80/10/15, 23:50 Start	DOY=289 Peak	End times	SMM Pointing: Importance=C2 Peak...c/s=88 Wavelength=1548A	S09W31 Qual=01 Qual=01 Code=00	Pitch=+236", Yaw=-496", Roll=0deg MaxkeV=57 Rast=30"x30" Step=3" Pitch=+273", Yaw=-517"	H. Ang=35deg
GOES 23:44 23:50 00:00 HXRBS 23:44:35 23:46:15 23:47:05 UVSP 23:41				Exp #=13568		
Event # = 1407 80/10/16, 04:53 Start	DOY=290 Peak	End times	SMM Pointing: Peak...c/s=94 Wavelength=1352A	80/10/16 DOY=290 S09W34 Qual=00 Qual=01	Pitch=+233", Yaw=-534", Roll=0deg MaxkeV=57 Rast=30"x30" Step=0" Pitch=+259", Yaw=-589"	H. Ang=37deg
GOES 04:53:20 04:53:55 04:54:50 HXRBS 04:53:20 04:53:55 04:54:50 UVSP 04:42				Exp #=13603		
Event # = 8585 80/10/16, 06:04 Start	DOY=290 Peak	End times	SMM Pointing: Peak...c/s=90 Wavelength=1353A	S09W35 Qual=01 Code=00	Pitch=+230", Yaw=-542", Roll=0deg MaxkeV=402 Rast=30"x30" Step=0" Pitch=+228", Yaw=-493"	H. Ang=38deg
GOES 06:04:32 06:04:37 06:04:42 HXRBS 06:04:32 06:04:37 06:04:42 UVSP 05:54				Tot Cts=166 Exp #=13611		
Event # = 1408 80/10/16, 07:54 Start	DOY=290 Peak	End times	SMM Pointing: Ha...Class=SF Importance=C8 Peak...c/s=97 Wavelength=1352A	S09W36 S28E11 Qual=01 Qual=01 Code=00	Pitch=+232", Yaw=-558", Roll=0deg Mac.=DAO MaxkeV=57 Rast=30"x30" Step=0" Pitch=+257", Yaw=-598"	H. Ang=39deg H. Ang=35deg
Optical GOES 07:49 07:54 08:01 HXRBS 07:50:40 07:51:15 07:53:30 UVSP 07:53				AR2734 Exp #=13627		

Event # = 1409									
80/10/16,09:36	DOY=290	Start	Peak	End times	SMM Pointing:	S09W36	Pitch=+227", Yaw=-558", Roll=0deg	H. Ang=39deg	
GOES									
HXRBS	09:35:50	09:36:30	09:38:20		Peak...c/s=87	Qual=00			
UVSP	09:29				Wave length=1353A	Qual=01			
						Exp #=13639	MaxkeV=57	Pitch=+256", Yaw=-610"	
							Rast=30"x30"	Step=0"	
Event # = 1410									
80/10/16,13:40	DOY=290	Start	Peak	End times	SMM Pointing:	S09W39	Pitch=+228", Yaw=-603", Roll=0deg	H. Ang=42deg	
Optical									
GOES	13:38	13:40	13:46		Ha...Class=SN	S28E10	Mac.=DA0	Carr. Lon.=72deg	H. Ang=35deg
HXRBS	13:39:55	13:40:10	13:40:35		Importance=C2	Qual=01			
UVSP	13:40				Peak...c/s=107	Qual=01	MaxkeV=57		
					Wave length=1547A	Code=02	Rast=3"x3"	Step=0"	Pitch=+218", Yaw=-669"
						Exp #=13658			
Event # = 1411									
80/10/16,16:52	DOY=290	Start	Peak	End times	SMM Pointing:	S09W41	Pitch=+224", Yaw=-624", Roll=0deg	H. Ang=43deg	
Optical									
GOES	16:50	16:52	17:06		Ha...Class=1N	N09W85	Mac.=FKI	Carr. Lon.=165deg	H. Ang=84deg
HXRBS	16:51:50	16:52:55	16:54:15		Importance=C4	Qual=01			
UVSP	16:51				Peak...c/s=130	Qual=01	MaxkeV=57		
					Wave length=1547A	Code=00	Rast=3"x3"	Step=0"	Pitch=+222", Yaw=-670"
						Exp #=13665			
Event # = 1412									
80/10/16,20:14	DOY=290	Start	Peak	End times	SMM Pointing:	S09W42	Pitch=+220", Yaw=-640", Roll=0deg	H. Ang=45deg	
GOES	20:12	20:14	20:20		Importance=C3	Qual=01			
HXRBS	20:13:45	20:14:20	20:14:50		Peak...c/s=110	Qual=01	MaxkeV=57		
UVSP	20:04				Wave length=1548A	Code=00	Rast=240"x240"	Step=3"	Pitch=+157", Yaw=-733"
Radio Sweeps					III/1 V/2				
Radio Frequency(MHz)/Flux(sfu)					245/1000 410/130 15400/50				
HXRBS	20:15:50	20:16:35	20:17:25		Peak...c/s=89	Associated			
						Event # = 1413	MaxkeV=57		
Event # = 1414									
80/10/16,23:48	DOY=290	Start	Peak	End times	SMM Pointing:	S09W45	Pitch=+222", Yaw=-672", Roll=0deg	H. Ang=47deg	
Optical									
GOES	23:42	23:48	23:58		Ha...Class=SN	N12W84	Mac.=FKI	Carr. Lon.=160deg	H. Ang=83deg
HXRBS	23:45:50	23:46:35	23:47:50		Importance=C2	Qual=01			
UVSP	23:38				Peak...c/s=399	Qual=01	MaxkeV=131		
					Wave length=1548A	Code=00	Rast=30"x30"	Step=3"	Pitch=+158", Yaw=-737"
						Exp #=13679			
Event # = 1415									
80/10/17,10:40	DOY=291	Start	Peak	End times	SMM Pointing:	S09W51	Pitch=+215", Yaw=-742", Roll=0deg	H. Ang=53deg	
GOES	10:39	10:40	10:42		Importance=C1	Qual=01			
HXRBS	10:39:00	10:39:55	10:42:10		Peak...c/s=164	Qual=01	MaxkeV=131		
UVSP	10:37				Wave length=1352A	Code=00	Rast=30"x30"	Step=0"	Pitch=+165", Yaw=-884"
						Exp #=13758			
Event # = 1416									
80/10/17,11:03	DOY=291	Start	Peak	End times	SMM Pointing:	S09W51	Pitch=+215", Yaw=-742", Roll=0deg	H. Ang=53deg	
GOES	11:00	11:03	11:18		Importance=C1	Qual=01			
HXRBS	11:02:25	11:03:00	11:03:35		Peak...c/s=73	Qual=01	MaxkeV=57		
UVSP	11:01				Wave length=1352A	Code=00	Rast=30"x30"	Step=0"	Pitch=+165", Yaw=-886"
						Exp #=13762			

Event # = 1423									
80/10/17,22:20		DOY=291	Peak	End times	SMM Pointing:	S09W57		Pitch=+206", Yaw=-801", Roll=0deg	H. Ang=59deg
Optical					Ha...Class=SN			Mac.=EHI	
GOES 22:18		22:20	22:21	22:21	Importance=C2	AR2744			H. Ang=73deg
HXRBS 22:18:00		22:18:20	22:19:05		Peak...c/s=83			MaxkeV=57	
UVSP 22:19					Wavelength=1546A	Code=00	Exp #=13797	Rast=120"x120"	Pitch=+132", Yaw=-924"
Event # = 1424									
80/10/17,23:37		DOY=291	Peak	End times	SMM Pointing:	S09W58		Pitch=+204", Yaw=-809", Roll=0deg	H. Ang=60deg
Optical					Ha...Class=SB				
GOES 23:33		23:37	23:44	23:44	Importance=C6	AR2744		Carr. Lon.=351deg	H. Ang=75deg
HXRBS 23:36:00		23:36:15	23:39:25		Peak...c/s=524			MaxkeV=131	
UVSP 23:33					Wavelength=1546A	Code=00	Tot Cts=23985 Exp #=13801	Rast=120"x120"	Pitch=+153", Yaw=-927"
Event # = 1425									
80/10/17,23:53		DOY=291	Peak	End times	SMM Pointing:	S09W58		Pitch=+204", Yaw=-809", Roll=0deg	H. Ang=60deg
Optical					Ha...Class=SF			Mac.=EHI	
GOES 23:53:00		23:53:15	23:53:30		Peak...c/s=121	AR2744			H. Ang=73deg
HXRBS 23:44					Wavelength=1546A		Tot Cts=240 Exp #=13802	MaxkeV=57	
UVSP 23:44								Rast=120"x120"	Pitch=+153", Yaw=-928"
Event # = 1426									
80/10/18,01:25		DOY=292	Peak	End times	SMM Pointing:	S10W61		Pitch=+214", Yaw=-831", Roll=0deg	H. Ang=63deg
Optical					Importance=C2				
GOES 01:20		01:25	01:30	01:30	Peak...c/s=74			MaxkeV=57	
HXRBS 01:25:10		01:25:40	01:26:30		Wavelength=1546A	Code=00	Exp #=13808	Rast=120"x120"	Pitch=+164", Yaw=-925"
UVSP 01:19									
Event # = 1427									
80/10/18,01:43		DOY=292	Peak	End times	SMM Pointing:	S10W61		Pitch=+214", Yaw=-831", Roll=0deg	H. Ang=63deg
Optical					Ha...Class=SF			Mac.=FKI	
GOES 01:35		01:43	01:50	01:50	Importance=C8	AR2744			H. Ang=74deg
HXRBS 01:37:55		01:42:00	01:43:25		Peak...c/s=167			MaxkeV=57	
UVSP 01:42					Wavelength=1546A	Code=00	Tot Cts=7920 Exp #=13810	Rast=120"x120"	Pitch=+163", Yaw=-927"
Radio		Frequency(MHz)/Flux(sfu): 8800/25 15400/30							
Event # = 1428									
80/10/18,02:41		DOY=292	Peak	End times	SMM Pointing:	S10W62		Pitch=+215", Yaw=-840", Roll=0deg	H. Ang=64deg
Optical					Ha...Class=SN			Mac.=CAI	
GOES 02:36		02:41	02:47	02:47	Importance=C7	AR2725			H. Ang=59deg
HXRBS 02:36:35		02:39:55	02:42:00		Peak...c/s=250			MaxkeV=131	
BCS 02:39		02:40	02:46		CaPeak.c/s=200		Tot Cts=5200 FePeak=02:40	FePeak.c/s=64	XEN=29200
FFCS 02:42					Peak3...c/s=787			Rast=120"x120"	Cad=65.5s Step=15"
HXIS 02:40					Peak...c/s=340				
UVSP 02:33					Wavelength=1546A	Code=00	Exp #=13813	Rast=120"x120"	Pitch=+189", Yaw=-850"

Event # = 20908	80/10/18,06:22	DOY=292	SMM Pointing:	S10W63	Pitch=+209", Yaw=-844", Roll=0deg	H. Ang=64deg
Optical	Start	End times	Ha...Class=1F	S10W63	Mac. =FK1	Carr. Lon. =349deg
GOES	06:20	06:42	Importance=C4	S18E70	FePeak.c/s=13	H. Ang=73deg
BCS	06:21	06:30	CaPeak.c/s=29	Qual=03	dt= 6.3s	XEN=29213
FCS	06:25	06:35	Peak3...c/s=111	Qual=1	Step=0"	Cad=30.7s
UVSP	06:18	06:25	Wavelength=1546A	Code=00	Step=3"	Pitch=+130", Yaw=-947"
Event # = 1436	80/10/18,07:32	DOY=292	SMM Pointing:	S10W63	Pitch=+209", Yaw=-848", Roll=0deg	H. Ang=65deg
GOES	07:30	07:35	Importance=C2	Qual=01	MaxkeV=57	
HXRBS	07:31:40	07:32:00	Peak...c/s=67	Qual=01	Rast=120"x120"	Pitch=+143", Yaw=-945"
UVSP	07:32	07:32:35	Wavelength=1546A	Code=02	Step=3"	
Event # = 1437	80/10/18,07:41	DOY=292	SMM Pointing:	S10W63	Pitch=+209", Yaw=-848", Roll=0deg	H. Ang=65deg
GOES	07:39	07:41	Importance=C3	Qual=01	MaxkeV=57	
HXRBS	07:39:50	07:41:20	Peak...c/s=76	Qual=01	Rast=120"x120"	Pitch=+143", Yaw=-945"
UVSP	07:32	07:42:00	Wavelength=1546A	Code=00	Step=3"	
Event # = 5704	80/10/18,09:43	DOY=292	SMM Pointing:	S10W66	Pitch=+210", Yaw=-867", Roll=0deg	H. Ang=68deg
GOES	09:39	09:43	Importance=C7	Qual=03	MaxkeV=81	Flags=1
HXRBS	09:39:40	09:39:51	Peak...c/s=291	Qual=01	Rast=180"x1"	Step=0"
UVSP	09:36	09:40:06	Wavelength=1352A	Code=00	Pitch=+138", Yaw=-900"	
Event # = 5705	80/10/18,10:44	DOY=292	SMM Pointing:	S10W65	Pitch=+204", Yaw=-864", Roll=0deg	H. Ang=67deg
GOES	10:40	10:44	Importance=C3	Qual=01	MaxkeV=131	Flags=1
HXRBS	10:40:26	10:44:20	Peak...c/s=86	Qual=01	Rast=120"x120"	Step=3"
UVSP	10:43	10:46:48	Wavelength=1546A	Code=00	Pitch=+162", Yaw=-879"	
Event # = 5706	80/10/18,11:18	DOY=292	SMM Pointing:	S10W65	Pitch=+204", Yaw=-864", Roll=0deg	H. Ang=67deg
GOES	11:15	11:22	Importance=C3	Qual=03	MaxkeV=57	Flags=1
HXRBS	11:17:05	11:17:31	Peak...c/s=107	Qual=01	Rast=120"x120"	Step=3"
UVSP	11:17	11:18:27	Wavelength=1546A	Code=00	Pitch=+161", Yaw=-881"	
Event # = 5707	80/10/18,12:54	DOY=292	SMM Pointing:	S10W67	Pitch=+207", Yaw=-877", Roll=0deg	H. Ang=69deg
GOES	12:50	13:00	Importance=C3	Qual=03	MaxkeV=57	Flags=1
HXRBS	12:52:42	12:53:09	Peak...c/s=107	Qual=01	Rast=120"x120"	Step=3"
UVSP	12:52	12:54:31	Wavelength=1546A	Code=00	Pitch=+124", Yaw=-954"	
Event # = 5708	80/10/18,15:07	DOY=292	SMM Pointing:	S10W68	Pitch=+205", Yaw=-883", Roll=0deg	H. Ang=70deg
GOES	15:01	15:07	Importance=C6	Qual=05	MaxkeV=57	Flags=1
HXRBS	15:06:54	15:07:15	Peak...c/s=183	Qual=01	Tot Cts=3048	

80/10/19 DOY=293																			
Event # = 1445	80/10/19,00:46	DOY=293																	
Optical	Start	Peak																	
GOES	00:43	00:46	SMM Pointing:	S19E59															
HXRBS	00:46:25	00:46:45	Ha...Class=1W	S34E08	AR2739	Mac.=ESO	Carr.Lon.=41deg	H.Ang=63deg											
BCS	00:42	00:47	Importance=C3	Qual=01		MaxkeV=57		H.Ang=40deg											
FCS	00:47	01:06	Peak...c/s=140	Qual=01	Tot Cts=1610	FePeak.c/s=9	#Peaks=3 dt= 3.2s	XEN=29300											
HXIS	00:47	00:47	CaPeak.c/s=60	Qual= 4	FePeak=00:46	Rast=0"x0"	Step=0" Cad=1.54s	1.536s/pixel											
UVSP	00:44	00:47	Peak3...c/s=295			Rast=3"x3"	Step=0" Pitch=+291"	Yaw=+704"											
Radio Sweeps																			
Radio	Frequency	Type/Intensity:	Wavelength=1544A	Code=00	Exp #=13878														
		(MHz)/Flux(sfu):	111/2																
			245/310 410/24																
Event # = 20430																			
80/10/19,01:09	DOY=293																		
Optical	Start	End times																	
GOES	01:07	01:12	SMM Pointing:	S19E59															
BCS	01:06	01:20	Importance=C2	Qual=01		Pitch=+358"	Yaw=+786"	Roll=0deg	H.Ang=63deg										
FCS	01:10	01:10	CaPeak.c/s=39	Qual= 1	FePeak=01:09	FePeak.c/s=11	#Peaks=2 dt= 6.3s	XEN=29301											
UVSP	01:06	01:14	Peak3...c/s=209		Exp #=13881	Rast=180"x180"	Step=15" Cad= 147s	1.024s/pixel											
			Wavelength=1547A	Code=00		Rast=120"x120"	Step=3" Pitch=+360"	Yaw=+772"											
Event # = 20432																			
80/10/19,02:24	DOY=293																		
Optical	Start	End times																	
GOES	02:20	02:30	SMM Pointing:	S19E57															
BCS	02:20	02:38	Ha...Class=SF	S34E07	AR2739	Mac.=ESO	Carr.Lon.=41deg	H.Ang=40deg											
FCS	02:33	02:33	Importance=C2	Qual=01		FePeak.c/s=10	#Peaks=2 dt= 3.2s	XEN=29302											
UVSP	02:22	02:33	CaPeak.c/s=60	Qual= 1	FePeak=02:23	Rast=180"x180"	Step=15" Cad= 147s	1.024s/pixel											
			Peak3...c/s=229		Exp #=13886	Rast=240"x240"	Step=3" Pitch=+292"	Yaw=+697"											
			Wave length=1549A	Code=00		Pitch=+361"	Yaw=+768"	Roll=0deg	H.Ang=62deg										
Event # = 4300																			
80/10/19,02:34	DOY=293																		
Optical	Start	End times																	
GOES	02:30	02:40	SMM Pointing:	S19E57															
HXRBS	02:30:55	02:31:05	Ha...Class=SF	S18E55	AR2744	Mac.=FKC	Carr.Lon.=353deg	H.Ang=59deg											
BCS	02:30	02:34	Importance=C2	Qual=01		MaxkeV=57	Flags=I												
UVSP	02:30	02:41	Peak...c/s=89	Qual=01		Rast=120"x120"	Step=3" Pitch=+361"	Yaw=+766"											
			CaPeak.c/s=40		Exp #=13887														
			Wavelength=1549A	Code=00		Pitch=+361"	Yaw=+768"	Roll=0deg	H.Ang=62deg										
Event # = 20909																			
80/10/19,02:40	DOY=293																		
Optical	Start	End times																	
GOES	02:39	02:41	SMM Pointing:	S19E57															
BCS	02:40	02:41	Ha...Class=SF	S18E55		FePeak.c/s=5	#Peaks=1	XEN=29351											
UVSP	02:30	02:41	Importance=C2	Qual= 1	FePeak=02:40	Rast=120"x120"	Step=3" Pitch=+361"	Yaw=+766"											
			CaPeak.c/s=20		Exp #=13887														
			Wavelength=1549A																
Event # = 20910																			
80/10/19,02:43	DOY=293																		
Optical	Start	End times																	
GOES	02:43	02:43	SMM Pointing:	S19E57															
BCS	02:43	02:43	Ha...Class=SF	S18E55		FePeak.c/s=6	#Peaks=1	XEN=29306											
FCS	02:43	02:43	Importance=C2	Qual= 1	FePeak=02:43	Rast=180"x180"	Step=15" Cad= 147s	1.024s/pixel											
UVSP	02:41	02:43	CaPeak.c/s=20		Exp #=13888	Rast=120"x120"	Step=3" Pitch=+361"	Yaw=+765"											
			Peak3...c/s=104																
			Wavelength=1549A																

Event # = 20433 80/10/19, 02:49	DOY=293 Peak Start	End times 02:53 02:53	SMM Pointing: Importance=C2 CaPeak.c/s=31 Peak3...c/s=160 Wavelength=1549A	S19E57 Qual=01 Qual=1	FePeak=02:48 Exp #=13888 Event # = 20911 FePeak=02:52 Exp #=13889	Pitch=+361", Yaw=+768", Roll=0deg dt= 6.3s Cad=1.54s Pitch=+361", Yaw=+765"	H. Ang=62deg
GOES 02:43	02:49	02:53	Importance=C2	Qual=01			
BCS 02:45	02:48	02:53	CaPeak.c/s=31	Qual=1			
FCS 02:45	02:50		Peak3...c/s=160				
UVSP 02:41			Wavelength=1549A	Code=00			
BCS 02:52	02:53	02:53	CaPeak.c/s=21	Associated Qual=1			
FCS 02:53	02:53		Peak3...c/s=35				
UVSP 02:52			Wavelength=1549A				
Event # = 4301 80/10/19, 03:03	DOY=293 Peak Start	End times 03:05 03:05	SMM Pointing: Importance=C3 Peak...c/s=72 Peak3...c/s=221 Wavelength=1549A	S19E57 Qual=01 Qual=01	Flags=1	Pitch=+361", Yaw=+768", Roll=0deg	H. Ang=62deg
GOES 02:59	03:03	03:05	Importance=C3	Qual=01			
HXRBS 03:01:10	03:01:45	03:04:10	Peak...c/s=72				
HXIS 03:01	03:01		Peak3...c/s=221				
UVSP 02:52			Wavelength=1549A	Code=00	Exp #=13889	Pitch=+361", Yaw=+764"	
Event # = 20434 80/10/19, 03:06	DOY=293 Peak Start	End times 03:11 03:11	SMM Pointing: Ha...Class=SN Importance=C3 Wavelength=1549A	S19E57 S19E57 Qual=01 Code=00	AR2744 Exp #=13890	Pitch=+361", Yaw=+768", Roll=0deg	H. Ang=62deg
Optical 03:05	03:06	03:11	Ha...Class=SN	S19E57			
GOES 03:05	03:06	03:11	Importance=C3	Qual=01			
UVSP 03:04			Wavelength=1549A	Code=00			
Event # = 1446 80/10/19, 03:13	DOY=293 Peak Start	End times 03:16 03:16	SMM Pointing: Ha...Class=SN Importance=C2 Peak...c/s=112 Wavelength=1549A	S19E57 S19E57 Qual=01 Code=00	AR2744 Tot Cts=1440 Exp #=13890	Pitch=+361", Yaw=+768", Roll=0deg	H. Ang=62deg
Optical 03:11	03:13	03:16	Ha...Class=SN	S19E57			
GOES 03:13:20	03:13:50	03:16:20	Importance=C2	Qual=01			
HXRBS 03:13:20	03:13:50	03:16:20	Peak...c/s=112	Qual=01			
UVSP 03:04			Wavelength=1549A	Code=00			
Radio Frequency(MHz)/Flux(sfu):			4995/17 8800/31				
Event # = 1447 80/10/19, 04:00	DOY=293 Peak Start	End times 04:02 04:02	SMM Pointing: Importance=C2 Peak...c/s=78 Wavelength=1546A	S19E57 Qual=01 Qual=01	Exp #=13893	Pitch=+361", Yaw=+765", Roll=0deg	H. Ang=61deg
GOES 03:59	04:00	04:02	Importance=C2	Qual=01			
HXRBS 03:58:45	03:59:45	04:00:00	Peak...c/s=78	Qual=01			
UVSP 03:58			Wavelength=1546A	Code=00			
Event # = 20435 80/10/19, 04:07	DOY=293 Peak Start	End times 04:11 04:11	SMM Pointing: Importance=C2 CaPeak.c/s=21 Peak3...c/s=108 Wavelength=1547A	S19E57 Qual=01 Qual=1	FePeak=04:06 Exp #=13894	Pitch=+361", Yaw=+765", Roll=0deg	H. Ang=61deg
GOES 04:03	04:07	04:11	Importance=C2	Qual=01			
BCS 04:06	04:06	04:07	CaPeak.c/s=21	Qual=1			
FCS 04:06	04:07		Peak3...c/s=108				
UVSP 04:06			Wavelength=1547A	Code=00			
GOES 04:03	04:07	04:11	Importance=C2	Qual=01			
BCS 04:06	04:06	04:07	CaPeak.c/s=21	Qual=1			
FCS 04:06	04:07		Peak3...c/s=108				
UVSP 04:06			Wavelength=1547A	Code=00			
GOES 04:03	04:07	04:11	Importance=C2	Qual=01			
BCS 04:06	04:06	04:07	CaPeak.c/s=21	Qual=1			
FCS 04:06	04:07		Peak3...c/s=108				
UVSP 04:06			Wavelength=1547A	Code=00			

Event # = 20436									
80/10/19,04:32	DOY=293		SMM Pointing:	S19E57		Pitch=+361", Yaw=+765", Roll=0deg		H.Ang=61deg	
GOES 04:29	Peak 04:32	End times 04:38	Importance=C1	Qual=01					
BCS 04:24	04:31	04:38	CaPeak.c/s=29	Qual=1	FePeak=04:30				
FCS 04:35	04:35		Peak3...c/s=106						
HXIS 04:30	04:30		Peak...c/s=54						
UVSP 04:29			Wavelength=1547A	Code=00	Exp #=13896				
Event # = 20912									
80/10/19,04:47	DOY=293		SMM Pointing:	S19E57		Pitch=+361", Yaw=+765", Roll=0deg		H.Ang=61deg	
GOES 04:41	Peak 04:47	End times 04:52	Importance=C2	Qual=01					
BCS 04:45	04:45	04:45	CaPeak.c/s=19	Qual=1	FePeak=04:45				
UVSP 04:40			Wavelength=1547A	Code=00	Exp #=13897				
Event # = 1448									
80/10/19,05:43	DOY=293		SMM Pointing:	S19E56		Pitch=+363", Yaw=+754", Roll=0deg		H.Ang=60deg	
Optical 05:32	05:43	End times 05:57	Ha...Class=S8	S18E53	AR2744	Mac.=FKC	Carr. Lon.=354deg	H.Ang=57deg	
GOES 05:32	05:40	05:47	Importance=C6	Qual=01					
HXRBS 05:32	05:40	05:47	Peak...c/s=155	Qual=01	Tot Cts=9515	MaxkeV=57			
BCS 05:29	05:45	06:25	CaPeak.c/s=250	Qual=1	FePeak=05:40	FePeak.c/s=48	#Peaks=3	dt= 3.2s	XEN=29315
FCS 05:48			Peak3...c/s=638			Rast=180"x180"	Step=15"	Cad= 147s	1.024s/pixel
UVSP 05:43			Wavelength=1547A	Code=02	Exp #=13901	Rast=120"x120"	Step=3"	Pitch=+349", Yaw=+720"	
Radio 05:43	Frequency(MHz)/Flux(sfu):	8800/19 15400/22							
----- Associated Event # = 20437 -----									
BCS 05:29	05:37	05:39	CaPeak.c/s=140		Exp #=13900	Rast=240"x240"	Step=3"	Pitch=+294", Yaw=+682"	
UVSP 05:35			Wavelength=1546A						
Event # = 1449									
80/10/19,05:53	DOY=293		SMM Pointing:	S19E56		Pitch=+363", Yaw=+754", Roll=0deg		H.Ang=60deg	
Optical 05:50	05:53	End times 05:55	Importance=C1	Qual=01					
GOES 05:50	05:53	05:55	Peak...c/s=144	Qual=01	AR2744				
HXRBS 05:52	05:53	05:53	Peak...c/s=144	Qual=01	Tot Cts=700	MaxkeV=131			
HXIS 05:44	05:44		Peak...c/s=494						
UVSP 05:43			Wavelength=1547A	Code=00	Exp #=13901	Rast=120"x120"	Step=3"	Pitch=+349", Yaw=+720"	
Event # = 1450									
80/10/19,06:08	DOY=293		SMM Pointing:	S19E56		Pitch=+363", Yaw=+754", Roll=0deg		H.Ang=60deg	
Optical 06:07	06:08	End times 06:10	Ha...Class=SN	S33E03	AR2739	Mac.=ES0	Carr. Lon.=43deg	H.Ang=39deg	
GOES 06:07	06:08	06:10	Importance=C2	Qual=01					
HXRBS 06:08	06:08	06:09	Peak...c/s=161	Qual=01	Tot Cts=1200	MaxkeV=57			
UVSP 06:05	06:05		Wavelength=1547A	Code=00	Exp #=13903	Rast=120"x120"	Step=3"	Pitch=+349", Yaw=+718"	
Radio 06:05	Frequency(MHz)/Flux(sfu):	4995/8 8800/20 15400/41							
Event # = 20438									
80/10/19,07:08	DOY=293		SMM Pointing:	S19E55		Pitch=+363", Yaw=+750", Roll=0deg		H.Ang=60deg	
Optical 07:03	07:08	End times 07:11	Ha...Class=SN	S18E56	AR2744				
GOES 07:03	07:08	07:11	Importance=C2	Qual=05					
UVSP 07:06			Wavelength=1397A	Code=00	Exp #=13907	Rast=4"x4"	Step=0"	Pitch=+295", Yaw=+675"	

Event # = 4302 80/10/19, 07:14 Start	DOY=293 Peak	End times	SMM Pointing:	S19E55	Pitch=+363", Yaw=+750", Roll=0deg	H. Ang=60deg
Optical			Ha...Class=SN	S32E03	Mac.=FKC	H. Ang=38deg
GOES 07:11	07:14	07:16	Importance=C2	Qual=01	MaxkeV=57	Flags=1
HXRBS 07:13:25	07:13:35	07:14:00	Peak...c/s=75	Qual=01	FePeak.c/s=24	#Peaks=2
BCS 07:05	07:13	07:19	CaPeak.c/s=71	Qual=1	Rast=180"x180"	dt= 3.2s
FCS	07:15		Peak3...c/s=247		Step=15"	Cad= 147s
UVSP 07:06			Wavelength=1397A	Code=00	Step=0"	Pitch=+295", Yaw=+675"
Exp # = 13907						
Event # = 20913 80/10/19, 07:21 Start	DOY=293 Peak	End times	SMM Pointing:	S19E55	Pitch=+363", Yaw=+750", Roll=0deg	H. Ang=60deg
GOES 07:21	07:21	07:23	CaPeak.c/s=20	Qual=00	FePeak.c/s=8	#Peaks=1
BCS 07:21	07:21		Peak3...c/s=44	Qual=1	Rast=180"x180"	Cad= 147s
FCS			Wavelength=1404A		Rast=4"x4"	Pitch=+365", Yaw=+748"
UVSP 07:21						
Exp # = 13909						
Event # = 1451 80/10/19, 07:43 Start	DOY=293 Peak	End times	SMM Pointing:	S19E55	Pitch=+363", Yaw=+750", Roll=0deg	H. Ang=60deg
GOES 07:40	07:43	07:45	Importance=C2	Qual=01	MaxkeV=57	
HXRBS 07:43:00	07:43:30	07:44:10	Peak...c/s=75	Qual=01	Rast=4"x4"	Step=0"
UVSP 07:21			Wavelength=1404A	Code=00		Pitch=+365", Yaw=+748"
Exp # = 13909						
Event # = 1452 80/10/19, 07:47 Start	DOY=293 Peak	End times	SMM Pointing:	S19E55	Pitch=+363", Yaw=+750", Roll=0deg	H. Ang=60deg
GOES 07:45	07:47	07:50	Importance=C2	Qual=01	MaxkeV=57	
HXRBS 07:46:55	07:47:35	07:48:15	Peak...c/s=75	Qual=01	Rast=4"x4"	Step=0"
UVSP 07:21			Wavelength=1404A	Code=00		Pitch=+365", Yaw=+748"
Exp # = 13909						
Event # = 4303 80/10/19, 08:00 Start	DOY=293 Peak	End times	SMM Pointing:	S19E55	Pitch=+363", Yaw=+750", Roll=0deg	H. Ang=60deg
GOES 07:55	08:00	08:05	Importance=C3	Qual=03	MaxkeV=57	Flags=1
HXRBS 07:54:10	07:59:40	08:00:50	Peak...c/s=73	Qual=01	FePeak.c/s=34	#Peaks=3
BCS 07:33	07:59	08:04	CaPeak.c/s=122	Qual=1	Rast=180"x180"	dt= 6.3s
FCS	08:01		Peak3...c/s=246		Step=15"	Cad= 147s
HXIS	07:59		Peak...c/s=221		Step=0"	Pitch=+363", Yaw=+751"
UVSP 07:53			Wavelength=1404A	Code=00		
Exp # = 13911						
Event # = 1453 80/10/19, 08:49 Start	DOY=293 Peak	End times	SMM Pointing:	S19E54	Pitch=+366", Yaw=+739", Roll=0deg	H. Ang=59deg
Optical			Ha...Class=SF	S34E03	Mac.=E50	H. Ang=40deg
GOES 08:46	08:49	08:52	Importance=C2	Qual=01	MaxkeV=57	
HXRBS 08:48:20	08:49:10	08:50:50	Peak...c/s=109	Qual=01	Rast=4"x4"	Step=0"
UVSP 08:43			Wavelength=1397A	Code=00		Pitch=+296", Yaw=+667"
Radio			Frequency(MHz)/Flux(sfu):			
			245/360 410/17			

Event # = 1454									
80/10/19, 09:03	DOY=293	Start	End times	SMM Pointing:	S19E54		Pitch=+366", Yaw=+739", Roll=0deg	H. Ang=59deg	
Optical				Ha...Class=SB	S20E53		Mac.=FKC	Carr. Lon.=352deg	H. Ang=58deg
G0ES	08:58	09:03	09:07	Importance=C3	Qual=01		MaxkeV=57	#Peaks=3	dt= 6.3s
HXRBS	09:00:25	09:00:55	09:03:35	Peak...c/s=77	Qual=01		FePeak.c/s=43	Step=15"	XEN=29323
BCS	08:48	09:02	09:34	CaPeak.c/s=148	Qual= 1		Rast=180"x180"	Cad= 147s	1.024s/pixel
FCS		09:17		Peak3...c/s=439			Rast=4"x4"	Pitch=+382", Yaw=+752"	
UVSP	08:57			Wavelength=1404A	Code=00	Exp #=13914			
Event # = 20442									
80/10/19, 09:12	DOY=293	Start	End times	SMM Pointing:	S19E54		Pitch=+366", Yaw=+739", Roll=0deg	H. Ang=59deg	
Optical				Ha...Class=SB	S20E53		Mac.=FKC	Carr. Lon.=352deg	H. Ang=58deg
G0ES	09:11	09:12	09:16	Importance=C2	Qual=01				
BCS	09:11	09:12	09:13	CaPeak.c/s=40			Rast=180"x180"	Step=15"	Cad= 148s
FCS		09:13		Peak3...c/s=184			Rast=4"x4"	Step=0"	Pitch=+382", Yaw=+752"
UVSP	08:57			Wavelength=1404A	Code=00	Exp #=13914			
Event # = 1455									
80/10/19, 09:17	DOY=293	Start	End times	SMM Pointing:	S19E54		Pitch=+366", Yaw=+739", Roll=0deg	H. Ang=59deg	
Optical				Importance=C2	Qual=01		MaxkeV=57		
G0ES	09:16	09:17	09:20	Peak...c/s=174	Qual=01		Rast=180"x180"	Step=15"	Cad= 148s
HXRBS	09:16:30	09:17:10	09:20:20	CaPeak.c/s=100			Rast=4"x4"	Step=0"	Pitch=+382", Yaw=+752"
BCS	09:15	09:16	09:17	Peak3...c/s=440					
FCS		09:16		Wavelength=1404A	Code=00	Exp #=13914			
UVSP	08:57								
Event # = 1456									
80/10/19, 09:45	DOY=293	Start	End times	SMM Pointing:	S19E54		Pitch=+366", Yaw=+739", Roll=0deg	H. Ang=59deg	
Optical				Ha...Class=SB	S20E52		Mac.=FKC	Carr. Lon.=352deg	H. Ang=57deg
G0ES	09:37	09:45	10:23	Importance=M1	Qual=02		MaxkeV=131	Flags=M	
HXRBS	09:37:55	09:38:45	09:40:40	Peak...c/s=910	Qual=01		FePeak.c/s=43	#Peaks=3	dt= 6.3s
BCS	08:48	09:02	09:34	CaPeak.c/s=148	Qual= 1		Rast=180"x180"	Step=15"	XEN=29323
FCS		09:17		Peak3...c/s=439			Rast=4"x4"	Step=0"	Pitch=+384", Yaw=+751"
HXIS	09:39			Peak...c/s=466					
UVSP	09:29			Wavelength=1404A	Code=01	Exp #=13916			
Radio	Frequency (MHz)/Flux(sfu):	8800/30	15400/19						
Associated Event # = 20914									
Optical				Ha...Class=SB	S20E52		Mac.=FKC	Carr. Lon.=352deg	H. Ang=57deg
G0ES	09:37	09:45	10:23	Importance=M1	Qual=05				
BCS	10:17	10:18	10:19	CaPeak.c/s=20	Qual= 1		FePeak.c/s=12	#Peaks=1	XEN=29352
Event # = 1457									
80/10/19, 12:41	DOY=293	Start	End times	SMM Pointing:	S19E53		Pitch=+368", Yaw=+724", Roll=0deg	H. Ang=57deg	
Optical				Ha...Class=SN	S20E52		Mac.=FKC	Carr. Lon.=351deg	H. Ang=57deg
G0ES	12:35	12:41	12:45	Importance=C4	Qual=01		MaxkeV=131		
HXRBS	12:37:55	12:38:30	12:41:45	Peak...c/s=275					
BCS	12:37	12:42	12:50	CaPeak.c/s=210					
HXIS		12:39		Peak...c/s=397					
UVSP	12:18			Wavelength=1548A	Code=00	Exp #=13925	Rast=30"x30"	Step=3"	Pitch=+378", Yaw=+735"

Event # = 20915 80/10/19, 13:25 Start GOES 13:22 BCS 13:28 FCS 13:29 UVSP 13:30	DOY=293 Peak 13:25 13:28 13:29	End times 13:31 13:30	SMM Pointing: Importance=C2 CaPeak.c/s=28 Peak3..c/s=41 Wavelength=1546A	S19E53 Qual=05 Qual=1 Code=02	FePeak=13:28 Exp # = 13926	Pitch=+368", Yaw=+724", Roll=0deg #Peaks=1 Step=0" Rast=3"x3"	H.Ang=57deg XEN=29326 3840s/pixel Cad=3840s Pitch=+300", Yaw=+642"
Event # = 20443 80/10/19, 13:32 Start GOES 13:31 BCS 13:32 FCS 13:34 HXIS 13:32 UVSP 13:30	DOY=293 Peak 13:32 13:34 13:34 13:32	End times 13:40 13:41	SMM Pointing: Importance=C1 CaPeak.c/s=40 Peak3..c/s=216 Peak...c/s=67 Wavelength=1546A	S19E52 Qual=01 Qual=1 Code=00	FePeak=13:34 Exp # = 13926	Pitch=+368", Yaw=+716", Roll=0deg #Peaks=2 Step=15" Rast=300"x300" Step=0" Pitch=+300", Yaw=+642"	H.Ang=57deg XEN=29328 1.024s/pixel Cad=410s Pitch=+300", Yaw=+642"
Event # = 20916 80/10/19, 13:45 Start GOES 13:45 BCS 13:45 UVSP 13:40	DOY=293 Peak 13:45 13:45 13:40	End times 13:45	SMM Pointing: CaPeak.c/s=18 Wavelength=1548A	S19E52 Qual=00 Qual=1	FePeak=13:45 Exp # = 13927	Pitch=+368", Yaw=+716", Roll=0deg #Peaks=1 Step=3" Rast=240"x240" Step=3"	H.Ang=57deg XEN=29333 Pitch=+300", Yaw=+642"
Event # = 20917 80/10/19, 13:47 Start GOES 13:47 BCS 13:47 UVSP 13:40	DOY=293 Peak 13:47 13:47 13:40	End times 13:47	SMM Pointing: CaPeak.c/s=19 Wavelength=1548A	S19E52 Qual=00 Qual=1	FePeak=13:47 Exp # = 13927	Pitch=+368", Yaw=+716", Roll=0deg #Peaks=1 Step=3" Rast=240"x240" Step=3"	H.Ang=57deg XEN=29334 Pitch=+300", Yaw=+642"
Event # = 20918 80/10/19, 14:20 Start GOES 14:19 BCS 14:20 UVSP 13:54 BCS 14:24 FCS 14:24 BCS 14:27	DOY=293 Peak 14:20 14:20 14:20 14:24 14:24 14:27	End times 14:40 14:23 14:25 14:24 14:24 14:27	SMM Pointing: Importance=C2 CaPeak.c/s=29 Wavelength=1548A Associated Qual=1 Associated Qual=1	S19E52 Qual=05 Qual=5 Associated Qual=1 Associated Qual=1	FePeak=14:20 Exp # = 13928 Event # = 20919 FePeak=14:24 Event # = 20920 FePeak=14:27	Pitch=+368", Yaw=+716", Roll=0deg #Peaks=1 Step=3" Rast=30"x30" Pitch=+382", Yaw=+726" #Peaks=1 Step=15" Cad=147s 1.024s/pixel XEN=29335 XEN=29338 XEN=29339	H.Ang=57deg XEN=29335 Pitch=+382", Yaw=+726" XEN=29338 1.024s/pixel XEN=29339
Event # = 20921 80/10/19, 15:11 Start GOES 15:00 BCS 15:11 UVSP 15:05 BCS 15:13 BCS 15:07	DOY=293 Peak 15:11 15:11 15:11 15:13 15:07	End times 15:18 15:11 15:13 15:07	SMM Pointing: Importance=C1 CaPeak.c/s=19 Wavelength=1546A Associated Qual=1 Associated Qual=1	S19E51 Qual=01 Qual=1 Code=00 Associated Qual=1 Associated Qual=1	FePeak=15:11 Exp # = 13929 Event # = 20922 FePeak=15:13 Event # = 20923 FePeak=15:07	Pitch=+370", Yaw=+707", Roll=0deg #Peaks=1 Step=0" Rast=3"x3" #Peaks=1 Step=10 #Peaks=1 #Peaks=1	H.Ang=56deg XEN=29341 Pitch=+301", Yaw=+634" XEN=29342 XEN=29340

Event # = 1458									
80/10/19,15:23	Start	DOY=293	Peak	15:23	SMM Pointing:	S19E51	Pitch=+370", Yaw=+707", Roll=0deg	H. Ang=56deg	
GOES	15:20	15:23	15:28	15:28	Importance=C3	Qual=01			
HXRBS	15:25:55	15:26:30	15:27:05	15:27:05	Peak...c/s=76	Qual=01			
BCS	15:26	15:26	15:27	15:27	CaPeak.c/s=27	Qual=1			
FCS	15:26	15:26	15:27	15:27	Peak3...c/s=16				
HXIS	15:15	15:27			Peak...c/s=48				
UVSP	15:15				Wavelength=1548A	Code=00			
BCS	15:23	15:23	15:23	15:23	CaPeak.c/s=20	Qual=1			
Event # = 20444									
80/10/19,16:55	Start	DOY=293	Peak	16:55	SMM Pointing:	S19E50	Pitch=+370", Yaw=+699", Roll=0deg	H. Ang=55deg	
Optical	16:49	16:55	16:59	16:59	Ha...Class=SN	S18E51			
GOES	16:50	16:55	17:04	17:04	Importance=C2	Qual=01			
BCS	16:50	16:55	17:04	17:04	CaPeak.c/s=58	Qual=1			
HXIS	16:51	16:52			Peak...c/s=96				
UVSP	16:51				Wavelength=1548A	Code=00			
Event # = 1459									
80/10/20,09:04	Start	DOY=294	Peak	09:04	SMM Pointing:	S19E42	Pitch=+375", Yaw=+613", Roll=0deg	H. Ang=48deg	
Optical	08:59	09:04	09:11	09:11	Ha...Class=IN	S19E40			
GOES	09:01:30	09:03:00	09:04:30	09:04:30	Importance=C6	Qual=01			
HXRBS	09:01:30	09:02			Peak...c/s=201	Qual=01			
HXIS	09:02				Peak...c/s=429				
UVSP	09:02				Wavelength=1547A	Code=00			
Event # = 1460									
80/10/20,10:40	Start	DOY=294	Peak	10:40	SMM Pointing:	S19E41	Pitch=+380", Yaw=+593", Roll=0deg	H. Ang=47deg	
Optical	10:28	10:40	10:47	10:47	Ha...Class=SN	S19E40			
GOES	10:32:50	10:33:35	10:39:50	10:39:50	Importance=C3	Qual=01			
HXRBS	10:32:50	10:33:35	10:39:50	10:39:50	Peak...c/s=101	Qual=01			
HXIS	10:37	10:30			Peak...c/s=107				
UVSP	10:37				Wavelength=1547A	Code=00			
Event # = 1461									
80/10/20,11:51	Start	DOY=294	Peak	11:51	SMM Pointing:	S19E40	Pitch=+381", Yaw=+582", Roll=0deg	H. Ang=46deg	
GOES	11:50	11:51	11:55	11:55	Importance=C1	Qual=01			
HXRBS	11:49:40	11:51:05	11:51:50	11:51:50	Peak...c/s=66	Qual=01			
HXIS	11:51	11:50			Peak...c/s=48				
UVSP	11:51				Wavelength=1544A	Code=02			

Event # = 20925	DOY=294	SMM Pointing:	S19E38	Pitch=+383", Yaw=+561", Roll=0deg	H.Ang=45deg
80/10/20, 15:24	Peak	End times			
Optical		Ha...Class=SN	S14E45	Mac.=DHI	H.Ang=49deg
GOES 15:13	15:24	Importance=C2	Qual=03		
BCS 15:21	15:25	CaPeak.c/s=45	Qual=1	FePeak.c/s=6	XEN=29405
FCS 15:25	15:25	Peak3...c/s=118		Rast=180"x180"	dt= 1.3s
UVSP 15:13		Wave length=1401A	Code=00	Step=15"	Cad= 147s
			Associated	Step=4"	Pitch=+369", Yaw=+546"
			Event # = 20926		
BCS 15:18	15:18	CaPeak.c/s=18	Qual=1	FePeak.c/s=5	XEN=29404
			Associated		
BCS 15:16	15:16	CaPeak.c/s=20	Qual=1	FePeak.c/s=6	XEN=29403
Event # = 1462	DOY=294	SMM Pointing:	S19E37	Pitch=+379", Yaw=+548", Roll=0deg	H.Ang=44deg
80/10/20, 18:34	Peak	End times			
Optical		Ha...Class=SB	S17E45	Mac.=EKC	H.Ang=50deg
GOES 18:30	18:34	Importance=M1	Qual=01		
HXRBS 18:31:15	18:32:10	Peak...c/s=4922	Qual=01	MaxkeV=270	Flags=M, FS
BCS 18:31	18:34	CaPeak.c/s=721	Qual=1	FePeak.c/s=227	#Peaks=1
FCS 18:34	18:34	Peak3...c/s=1033		Rast=120"x120"	dt= 0.6s
HXIS 18:23	18:33	Peak...c/s=1220		Step=15"	Cad=65.5s
UVSP 18:23		Wave length=1546A	Code=00	Step=3"	Pitch=+377", Yaw=+526"
Radio	Frequency(MHz)/Flux(sfu):	4995/61 8800/460 15400/440			
Event # = 1463	DOY=294	SMM Pointing:	S19E34	Pitch=+387", Yaw=+504", Roll=0deg	H.Ang=41deg
80/10/20, 23:06	Peak	End times			
Optical		Importance=C1	Qual=01		
GOES 23:03	23:06	Peak...c/s=168	Qual=01	MaxkeV=57	
HXRBS 23:05:35	23:06:15	CaPeak.c/s=19	Qual=1	FePeak.c/s=9	XEN=29406
BCS 23:06	23:06	Peak3...c/s=29		Rast=420"x420"	Step=15"
FCS 23:06	23:06	Peak...c/s=101		Cad= 803s	dt= 1.024s/pixel
HXIS 23:04	23:05	Wave length=1546A	Code=00	Step=3"	Pitch=+327", Yaw=+440"
UVSP 23:04		4995/12 8800/52			
Radio	Frequency(MHz)/Flux(sfu):				
Event # = 20929	DOY=294	SMM Pointing:	S19E34	Pitch=+387", Yaw=+504", Roll=0deg	H.Ang=41deg
80/10/20, 23:32	Peak	End times			
Optical		Ha...Class=SN	S11E45	Mac.=EKC	H.Ang=48deg
Optical		Importance=C1	S22E38		H.Ang=46deg
GOES 23:11	23:32	CaPeak.c/s=21	Qual=1	FePeak.c/s=8	XEN=29411
BCS 23:31	23:31	Wave length=1546A	Code=00	Rast=120"x120"	Step=3"
UVSP 23:22			Associated	Step=3"	Pitch=+355", Yaw=+434"
			Event # = 20928		
BCS 23:28	23:28	CaPeak.c/s=20	Qual=1	FePeak.c/s=1	XEN=29408
			Associated		
BCS 23:33	23:33	CaPeak.c/s=20	Qual=1	FePeak.c/s=6	XEN=29412
			Associated		
BCS 23:35	23:35	CaPeak.c/s=18	Qual=1	FePeak.c/s=7	XEN=29413
UVSP 23:35		Wave length=1546A	Code=00	Rast=120"x120"	Step=3"
			Associated	Pitch=+355", Yaw=+433"	
			Event # = 20932		
BCS 23:38	23:38	CaPeak.c/s=20	Qual=1	FePeak.c/s=7	XEN=29414
UVSP 23:35		Wave length=1546A	Code=00	Rast=120"x120"	Step=3"
			Associated	Pitch=+355", Yaw=+433"	

Event # = 1464		80/10/21		DOY=295	
80/10/21,00:45	Start	DOY=295	Peak	End times	SMM Pointing:
Optical					Ha...Class=IF
GOES	00:34	00:45	00:55	00:55	Importance=C3
HXRBS	00:42:40	00:43:35	00:44:15	00:44:15	Peak...c/s=230
BCS	00:34	00:44	01:00	01:00	CaPeak.c/s=85
HXIS					Peak...c/s=101
UVSP	00:39				WaveLength=1547A
Radio	Frequency (MHz)/Flux(sfu):	4995/20	8800/78	15400/23	
Event # = 1465		80/10/21,05:38		DOY=295	
80/10/21,05:38	Start	DOY=295	Peak	End times	SMM Pointing:
Optical					Ha...Class=SN
GOES	05:34	05:38	05:40	05:40	Importance=C1
HXRBS	05:36:40	05:37:30	05:39:40	05:39:40	Peak...c/s=80
BCS	05:37	05:38	05:39	05:39	CaPeak.c/s=48
FCS		05:38			Peak3...c/s=142
HXIS		05:37			Peak...c/s=96
UVSP	05:35				WaveLength=1547A
Radio	Type/Intensity:	V/2			
Event # = 1466		80/10/21,10:16		DOY=295	
80/10/21,10:16	Start	DOY=295	Peak	End times	SMM Pointing:
Optical					Importance=C2
GOES	10:11	10:16	10:18	10:18	CaPeak.c/s=35
BCS	10:12	10:14	10:18	10:18	Peak3...c/s=128
UVSP	10:14				WaveLength=1546A
Event # = 20446		80/10/21,10:10		DOY=295	
80/10/21,10:10	Start	DOY=295	Peak	End times	SMM Pointing:
GOES	10:11	10:16	10:18	10:18	Importance=C2
BCS	10:12	10:14	10:18	10:18	CaPeak.c/s=35
UVSP	10:14				Peak3...c/s=128
Event # = 20447		80/10/21,10:32		DOY=295	
80/10/21,10:32	Start	DOY=295	Peak	End times	SMM Pointing:
Optical					Ha...Class=SN
GOES	10:20	10:32	10:38	10:38	Importance=C1
BCS	10:24	10:31	10:34	10:34	CaPeak.c/s=27
FCS		10:30			Peak3...c/s=125
UVSP	10:22				WaveLength=1547A
Event # = 20934		80/10/22,00:32		DOY=296	
80/10/22,00:32	Start	DOY=296	Peak	End times	SMM Pointing:
GOES	00:15	00:32	01:04	01:04	Importance=C2
BCS	00:32	00:32	00:35	00:35	CaPeak.c/s=19
FCS		00:33			Peak3...c/s=28
UVSP	00:34				WaveLength=1545A

Event # = 1469									
80/10/23,12:25	DOY=297	SMM Pointing:		S18W01	Pitch=+386", Yaw=-22", Roll=0deg		H. Ang=24deg		
Optical	Start	End times							
GOES	12:18	12:25	12:32	Ha...Class=SB	N25W41	AR2751	Mac.=DKO	Carr. Lon.=31deg	H. Ang=44deg
HXRBS	12:25:25	12:26:10	12:28:30	Importance=C5	Qual=04		MaxkeV=131		
UVSP	11:49			Peak...c/s=235	Qual=01	Tot Cts=4810	Rast=120"x120"	Step=3"	Pitch=+349", Yaw=-34"
Radio	Frequency (MHz)/Flux(sfu):	245/370	410/190	Wavelength=1547A	Code=02	Exp #=14293	4995/37	8800/24	
80/10/24 DOY=298									
Event # = 5712									
80/10/24,00:36	DOY=298	SMM Pointing:		S18W08	Pitch=+384", Yaw=-128", Roll=0deg		H. Ang=25deg		
Optical	Start	End times							
GOES	00:20	00:36	00:36	Ha...Class=SN	N20W42	AR2751	Mac.=DKO	Carr. Lon.=25deg	H. Ang=43deg
HXRBS	00:29:50	00:31:04	00:32:36	Importance=C1	Qual=04	AR2744		Carr. Lon.=351deg	H. Ang=23deg
UVSP	00:36			Peak...c/s=93	Qual=01		MaxkeV=57	Flags=1	
Radio	Sweeps	Type/Intensity:	III/2	Wavelength=1547A	Code=02	Exp #=14314	Rast=120"x120"	Step=3"	Pitch=+385", Yaw=-141"
Radio	Frequency (MHz)/Flux(sfu):	410/23	606/44	1415/250	2695/150	4995/9			
80/10/25 DOY=299									
Event # = 20937									
80/10/25,04:25	DOY=299	SMM Pointing:		S18W23	Pitch=+378", Yaw=-364", Roll=0deg		H. Ang=33deg		
Optical	Start	End times							
GOES	03:52	04:25	05:12	Ha...Class=SF	S21W19	AR2744	Mac.=EKI	Carr. Lon.=347deg	H. Ang=32deg
BCS	04:03	04:16	04:32	Importance=C3	Qual=03		FePeak.c/s=16	#Peaks=2	XEN=29900
UVSP	04:16			CaPeak.c/s=83	Qual=03	Exp #=14412	Rast=120"x120"	Step=3"	Pitch=+377", Yaw=-375"
80/10/25 DOY=299									
Event # = 1470									
80/10/25,05:48	DOY=299	SMM Pointing:		S18W24	Pitch=+375", Yaw=-373", Roll=0deg		H. Ang=33deg		
Optical	Start	End times							
GOES	05:37	05:48	06:08	Ha...Class=SB	N19W59	AR2751	Mac.=DAO	Carr. Lon.=26deg	H. Ang=59deg
HXRBS	05:36:50	05:39:30	05:43:35	Importance=M1	Qual=01		MaxkeV=131	Flags=M	
UVSP	05:41			Peak...c/s=247	Qual=01	Tot Cts=23490	Rast=120"x120"	Step=3"	Pitch=+377", Yaw=-386"
Radio	Sweeps	Type/Intensity:	III/2	Wavelength=1547A	Code=00	Exp #=14418			
Radio	Frequency (MHz)/Flux(sfu):	2695/18	4995/38	8800/77	15400/61				
80/10/25,08:27 DOY=299									
Event # = 1471									
80/10/25,08:27	DOY=299	SMM Pointing:		S18W25	Pitch=+374", Yaw=-391", Roll=0deg		H. Ang=34deg		
Optical	Start	End times							
GOES	07:59	08:27	08:41	Ha...Class=SN	N19W60	AR2751	Mac.=DAO	Carr. Lon.=26deg	H. Ang=60deg
HXRBS	08:19:45	08:20:30	08:23:10	Importance=C6	Qual=01		MaxkeV=57	Flags=SN	
UVSP	08:23			Peak...c/s=148	Qual=02	Tot Cts=6150	Rast=240"x240"	Step=3"	Pitch=+316", Yaw=-468"
Radio	Frequency (MHz)/Flux(sfu):	1415/9	2695/7	4995/26	8800/28				

Event # = 1479		80/10/27		DOY=301	
80/10/27, 11:29		DOY=301		Pitch=-311", Yaw=-920", Roll=0deg	
GOES	11:28	11:29	11:31	Qual=01	
HXRBS	11:29:25	11:29:30	11:30:05	Importance=C1	
UVSP	11:27			Peak...c/s=83	
				Wavelength=1547A	
				Code=00	
				Exp #=14643	
					MaxkeV=57
					Rast=240"x240" Step=10" Pitch=-372", Yaw=-984"
Event # = 1480		80/10/28		DOY=302	
80/10/28, 00:43		DOY=302		Pitch=+346", Yaw=-767", Roll=0deg	
Optical	00:36	00:43	00:49	S18W57	
GOES	00:45:55	00:46:25	00:47:25	Ha...Class=SN	
HXRBS	00:29			Importance=C5	
UVSP				Qual=01	
				Peak...c/s=81	
				Wavelength=1402A	
				Code=00	
				Exp #=14774	
					MaxkeV=57
					Rast=60"x60" Step=4" Pitch=+368", Yaw=-787"
Event # = 1481		80/10/28, 02:25		DOY=302	
80/10/28, 02:25		DOY=302		Pitch=+342", Yaw=-771", Roll=0deg	
Optical	02:12	02:25	02:29	S18W57	
GOES	02:23:30	02:24:00	02:24:25	Ha...Class=SN	
HXRBS	02:13	02:25	02:29	Importance=C3	
BCS				Qual=01	
FCS				Peak...c/s=73	
HXIS				CaPeak.c/s=43	
UVSP	02:25	02:24	02:25	Peak3...c/s=211	
				Peak...c/s=88	
				Wavelength=1402A	
				Code=02	
				Exp #=14792	
					MaxkeV=57
					Rast=180"x180" Step=15" dt= 6.3s XEN=30200
					Step=15" Cad= 147s 1.024s/pixel
					Step=0" Pitch=+342", Yaw=-796"
Event # = 20938		80/10/28, 02:53		DOY=302	
80/10/28, 02:53		DOY=302		Pitch=+342", Yaw=-771", Roll=0deg	
GOES	02:42	02:53	03:02	S18W57	
BCS	02:44	02:45	02:46	Importance=C3	
FCS				Qual=02	
UVSP	02:47	02:45	02:45	CaPeak.c/s=21	
				Peak3...c/s=35	
				Wavelength=1402A	
				Code=01	
				Exp #=14795	
					MaxkeV=57
					Rast=180"x180" Step=15" XEN=30202
					Step=4" Pitch=+342", Yaw=-798"
Event # = 1482		80/10/28, 12:16		DOY=302	
80/10/28, 12:16		DOY=302		Pitch=+338", Yaw=-816", Roll=0deg	
GOES	12:14	12:16	12:20	S18W63	
HXRBS	12:16:05	12:16:20	12:16:55	Importance=C1	
UVSP				Qual=01	
				Peak...c/s=97	
					MaxkeV=57
					Rast=60"x60" Step=4" Pitch=+342", Yaw=-798"
Event # = 1483		80/10/28, 21:29		DOY=302	
80/10/28, 21:29		DOY=302		Pitch=+332", Yaw=-851", Roll=0deg	
Optical	21:27	21:29	21:32	S18W68	
GOES	21:28:05	21:29:05	21:29:35	Ha...Class=IN	
HXRBS				Importance=C2	
UVSP				Qual=01	
				Peak...c/s=80	
				Wavelength=1549A	
				Code=00	
				Exp #=14841	
					MaxkeV=57
					Rast=30"x30" Step=3" Pitch=+357", Yaw=-856"

Event # = 20939	80/10/28, 22:22	DOY=302	S18W68	SMM Pointing:	End times	Pitch=+332", Yaw=-851", Roll=0deg	H.Ang=71deg
GOES	21:57	Peak	Qual=05	Importance=M1	22:40	FePeak.c/s=9 #Peaks=1	XEN=30203
BCS	22:32	22:22	Qual= 5	CaPeak.c/s=45	22:38	Rast=180"x180" Step=15"	Cad= 147s 1.024s/pixel
FCS	22:35	22:32		Peak3..c/s=369		Rast=4"x4" Step=0"	Pitch=+356", Yaw=-860"
UVSP	22:34	22:35		Wavelength=1399A		Exp #=14843	
			80/10/29	DOY=303			
Event # = 4304	80/10/29, 01:50	DOY=303	S19W71	SMM Pointing:	End times	Pitch=+330", Yaw=-870", Roll=0deg	H.Ang=74deg
Optical	Start	Peak	N19E07	Ha....Class=SF		Mac.=DAI	H.Ang=16deg
Optical	01:48	01:50	S19W74	Importance=C3	01:52	MaxkeV=57	H.Ang=76deg
GOES	01:48	01:48	Qual=01	Peak...c/s=66	01:49:10	Flags=1	
HXRBS	01:48:15	01:48:30	Qual=01	CaPeak.c/s=83	01:55	FePeak.c/s=25 #Peaks=1	Carr.Lon.=270deg
BCS	01:48	01:50	Qual= 1	Peak3..c/s=270		Rast=0"x0" Step=0"	Carr.Lon.=351deg
FCS	01:50	01:50		Peak...c/s=155		Rast=4"x4" Step=0"	
HXIS	01:45	01:50	Code=00	Wavelength=1399A		Pitch=+323", Yaw=-878"	XEN=30300
UVSP					Exp #=14849		1.536s/pixel
Event # = 20940	80/10/29, 05:00	DOY=303	S18W72	SMM Pointing:	End times	Pitch=+321", Yaw=-874", Roll=0deg	H.Ang=74deg
GOES	04:58	05:00	Qual=01	Importance=C8	05:04	FePeak.c/s=14 #Peaks=1	XEN=30302
BCS	04:59	05:01	Qual= 1	CaPeak.c/s=41	05:03	Rast=180"x180" Step=15"	Cad= 147s 1.024s/pixel
FCS	05:01	05:01		Peak3..c/s=142		Rast=4"x4" Step=0"	Pitch=+280", Yaw=-904"
UVSP	04:56	05:01	Code=00	Wave length=1399A	Exp #=14855		
Event # = 20941	80/10/29, 06:43	DOY=303	N00E84	SMM Pointing:	End times	Pitch=+4", Yaw=+963", Roll=0deg	H.Ang=84deg
GOES	06:41	06:43	Qual=00	CaPeak.c/s=57	06:53	FePeak.c/s=8 #Peaks=1	XEN=30304
BCS	06:41	06:41	Qual= 6	Peak3..c/s=400		Rast=115"x115" Step=5"	Cad= 542s 1.024s/pixel
FCS	06:42	06:41		Wavelength=2909A		Rast=120"x120" Step=3"	Pitch=+0", Yaw=+952"
UVSP					Exp #=14859		
Event # = 20942	80/10/29, 08:48	DOY=303	N12E84	SMM Pointing:	End times	Pitch=-197", Yaw=+941", Roll=0deg	H.Ang=83deg
GOES	08:48	08:48	Qual=00	CaPeak.c/s=28	08:52	FePeak.c/s=10 #Peaks=1	XEN=30305
BCS	08:48	08:48	Qual= 4	Peak3..c/s=22		Rast=0"x0" Step=0"	Cad=3840s 3840s/pixel
FCS	08:49	08:49		Wavelength=1399A		Rast=4"x4" Step=0"	Pitch=-153", Yaw=+747"
UVSP	08:49	08:49			Exp #=14867		
Event # = 20943	80/10/29, 08:55	DOY=303	N12E84	SMM Pointing:	End times	Pitch=-197", Yaw=+941", Roll=0deg	H.Ang=83deg
GOES	08:55	08:55	Qual=00	CaPeak.c/s=19	08:55	FePeak.c/s=9 #Peaks=1	XEN=30309
BCS	08:55	08:55	Qual= 1	Wavelength=1402A		Rast=240"x240" Step=4"	Pitch=-261", Yaw=+855"
UVSP	08:54	08:55			Exp #=14868		

Event # = 20944									
80/10/29, 08:57	DOY=303								
GOES	Start	End times	SMM Pointing:	N12E84				Pitch=-197", Yaw=+941", Roll=0deg	H. Ang=83deg
BCS	08:57	08:57	CaPeak.c/s=19	Qual=00					
UVSP	08:54		Wavelength=1402A	Qual=1	FePeak=08:57	#Peaks=1			XEN=30310
					Exp #=14868	Step=4"	Pitch=-261", Yaw=+855"		
Event # = 20945									
80/10/29, 09:01	DOY=303								
GOES	Start	End times	SMM Pointing:	N12E84				Pitch=-197", Yaw=+941", Roll=0deg	H. Ang=83deg
BCS	09:00	09:01	CaPeak.c/s=20	Qual=00					
FCS	09:01	09:01	Peak3...c/s=10	Qual=1	FePeak=09:01	#Peaks=1			XEN=30315
UVSP	08:59		Wavelength=1402A		Exp #=14869	Step=0"	Cad=3840s		3840s/pixel
						Step=4"	Pitch=-183", Yaw=+952"		
Event # = 20946									
80/10/29, 09:05	DOY=303								
GOES	Start	End times	SMM Pointing:	N12E84				Pitch=-197", Yaw=+941", Roll=0deg	H. Ang=83deg
BCS	09:05	09:05	CaPeak.c/s=19	Qual=00					
UVSP	08:59		Wavelength=1402A	Qual=1	FePeak=09:05	#Peaks=1			XEN=30313
					Exp #=14869	Step=4"	Pitch=-183", Yaw=+952"		
Event # = 20947									
80/10/29, 12:16	DOY=303								
GOES	Start	End times	SMM Pointing:	S18W77				Pitch=-322", Yaw=-895", Roll=0deg	H. Ang=79deg
BCS	12:09	12:16	Importance=C4	Qual=03					
FCS	12:15	12:15	CaPeak.c/s=18	Qual=2	FePeak=12:15	#Peaks=1			XEN=30314
UVSP	12:07		Peak3...c/s=31		Exp #=14875	Step=15"	Cad=65.5s		1.024s/pixel
			Wavelength=1400A	Code=00		Step=4"	Pitch=-256", Yaw=-935"		
Event # = 1484									
80/10/30, 00:31	DOY=304								
GOES	Start	End times	SMM Pointing:					Pitch=-164", Yaw=+973", Roll=0deg	
GOES	00:30	00:33	Importance=C1	Qual=01					
HXRBS	00:31	00:31	CaPeak.c/s=66	Qual=01					
UVSP	00:16	00:32:45	Peak...c/s=66	Code=00	Exp #=14908	Step=4"	Pitch=-326", Yaw=+826"		
			Wavelength=1402A						
Event # = 20948									
80/10/30, 13:35	DOY=304								
GOES	Start	End times	SMM Pointing:					Pitch=-165", Yaw=+973", Roll=0deg	
GOES	13:31	13:50	Importance=C2	Qual=05					
BCS	13:31	13:35	CaPeak.c/s=40	Qual=5	FePeak=13:36	#Peaks=1			XEN=30400
FCS	13:36	13:36	Peak3...c/s=87		Exp #=14935	Step=10"	Cad= 442s		1.024s/pixel
UVSP	13:43		Wavelength=2832A	Code=02		Step=0"	Pitch=-238", Yaw=+945"		
Event # = 1485									
80/10/30, 15:25	DOY=304								
GOES	Start	End times	SMM Pointing:					Pitch=-166", Yaw=+977", Roll=0deg	
GOES	15:20	15:30	Importance=C1	Qual=02					
HXRBS	15:20	15:25	Peak...c/s=110	Qual=01	Tot Cts=720				
UVSP	15:25:00	15:27:00	Wavelength=1399A		Exp #=14940	Step=0"	Pitch=-169", Yaw=+958"		
	16:03								

Event # = 1486	DOY=304	SMM Pointing:			Pitch=-166", Yaw=+976", Roll=0deg	
80/10/30, 18:03	Peak					
Optical		Code=ASR	N17E90	AR2776		H. Ang=89deg
GOES 17:58	18:03	Importance=C2	Qual=01			
HXRBS 17:59:20	18:00:45	Peak...c/s=136	Qual=01	Tot Cts=4760	MaxkeV=57	XEN=30403
BCS 18:00	18:01	CaPeak.c/s=34	Qual=1	FePeak=18:01	FePeak.c/s=13	Cad= 410s 1.024s/pixel
FCS 18:01	18:01	Peak3...c/s=143			Rast=300"x300"	Step=15"
UVSP 17:49		Wavelength=1402A	Code=00	Exp #=14945	Rast=120"x120"	Pitch=-245", Yaw=+933"
Event # = 1487	DOY=304	SMM Pointing:			Pitch=-164", Yaw=+974", Roll=0deg	
80/10/30, 19:17	Peak					
GOES 19:16	19:17	Importance=C1	Qual=04			
HXRBS 19:16:30	19:17:05	Peak...c/s=114	Qual=01	Tot Cts=1650	MaxkeV=57	
UVSP 19:16	19:16	Wave length=1399A	Code=00	Exp #=14946	Rast=4"x4"	Step=0"
Radio Frequency(MHz)/Flux(sfu):	245/31 4995/9 8800/20					Pitch=-245", Yaw=+933"
Event # = 1488	DOY=304	SMM Pointing:			Pitch=-166", Yaw=+977", Roll=0deg	
80/10/30, 20:59	Peak					
GOES 20:59	20:59	Importance=C7	Qual=04			
HXRBS 20:49:05	20:52:55	Peak...c/s=70	Qual=01	Tot Cts=6885	MaxkeV=57	
UVSP 20:57	20:57	Wavelength=1402A	Code=00	Exp #=14950	Rast=240"x240"	Step=4"
						Pitch=-243", Yaw=+911"
Event # = 1490	DOY=305	SMM Pointing:			Pitch=-168", Yaw=+982", Roll=0deg	
80/10/31, 02:06	Peak					
Optical		Ha...Class=S8	S16W32	AR2774	Mac.=DK0	Carr. Lon.=282deg
GOES 02:02	02:06	Importance=C5	Qual=01			H. Ang=38deg
HXRBS 02:04:35	02:04:50	Peak...c/s=1018	Qual=01	Tot Cts=22400	MaxkeV=131	Flags=FS
UVSP 01:51	02:05:15	Wavelength=1402A	Code=00	Exp #=14960	Rast=120"x120"	Step=4"
				Event # = 1489		Pitch=-245", Yaw=+933"
				Tot Cts=960	MaxkeV=57	
HXRBS 02:01:55	02:02:30	Peak...c/s=103	Qual=01	Tot Cts=960		
				Associated		
				Event # = 1491		
HXRBS 02:05:35	02:06:15	Peak...c/s=94	Qual=01			
Event # = 5715	DOY=305	SMM Pointing:			Pitch=-168", Yaw=+978", Roll=0deg	
80/10/31, 03:22	Peak					
GOES 03:19:59	03:22:07	Peak...c/s=116	Qual=06	Tot Cts=5119	MaxkeV=57	Flags=I
HXRBS 03:15	03:27:41	Wavelength=1397A	Qual=01	Exp #=14961	Rast=4"x4"	Step=0"
UVSP						Pitch=-245", Yaw=+933"
Event # = 1492	DOY=305	SMM Pointing:			Pitch=-170", Yaw=+982", Roll=0deg	
80/10/31, 09:37	Peak					
GOES 09:30	09:37	Importance=C5	Qual=03			
HXRBS 09:36:20	09:37:10	Peak...c/s=135	Qual=01	Tot Cts=3185	MaxkeV=57	
UVSP 10:08	09:40:25	Wave length=1399A		Exp #=14985	Rast=4"x4"	Step=0"
Radio Sweeps	Type/Intensity:	V/3				Pitch=-116", Yaw=+779"
Radio Frequency(MHz)/Flux(sfu):	245/490 410/250 606/140					

Event # = 1498	DOY=306	SMM Pointing:	Pitch=-164", Yaw=+973", Roll=0deg
80/11/01, 19:22	Start	End times	
Optical	Peak		
Optical		Ha...Class=1B	H.Ang=64deg
Optical		Ha...Class=SF	H.Ang=37deg
Optical		Ha...Class=SN	H.Ang=30deg
GOES	19:15	Importance=M1	
GOES	19:15:05	Peak...c/s=1004	
HXRBS	19:15:15	CaPeak.c/s=300	dt= 3.2s XEN=30604
BCS	19:17	Peak3...c/s=25	Cad=65.5s 1.024s/pixel
FCS	19:30	Peak...c/s=331	
HXIS	19:22	WaveLength=1353A	Pitch=-251", Yaw=+832"
UVSP		V/2	
Radio Sweeps	Type/Intensity:		
Radio	Frequency(MHz)/Flux(sfu):	245/97 606/21 1415/75 2695/43 4995/130 8800/72 15400/20	
80/11/02 DOY=307			
Event # = 1499	DOY=307	SMM Pointing:	Pitch=-316", Yaw=+438", Roll=0deg
80/11/02, 02:11	Start	End times	
Optical	Peak		
GOES	02:05	Ha...Class=SB	H.Ang=34deg
GOES	02:05:40	Importance=C6	
HXRBS	02:11:05	Peak...c/s=241	
BCS	02:07	CaPeak.c/s=166	H.Ang=29deg
FCS	02:14	Peak3...c/s=1009	
HXIS	02:11	Peak...c/s=214	
UVSP		WaveLength=1353A	
Radio	Frequency(MHz)/Flux(sfu):	1415/16 2695/21 4995/28 8800/30 15400/28	
80/11/02 DOY=307			
Event # = 1500	DOY=307	SMM Pointing:	Pitch=-316", Yaw=+382", Roll=0deg
80/11/02, 10:58	Start	End times	
Optical	Peak		
GOES	10:43	Ha...Class=SB	H.Ang=26deg
GOES	10:58	Importance=C6	
BCS	11:05	CaPeak.c/s=86	XEN=30702
FCS	11:06	Peak3...c/s=574	
HXIS	11:04	Peak...c/s=125	
UVSP		WaveLength=1549A	
80/11/02 DOY=307			
Event # = 1500	DOY=307	SMM Pointing:	Pitch=-320", Yaw=+353", Roll=0deg
80/11/02, 14:19	Start	End times	
Optical	Peak		
GOES	14:16	Ha...Class=SB	H.Ang=29deg
GOES	14:18:35	Importance=C3	
HXRBS	14:18:35	Peak...c/s=1627	
GRS	14:18:56	Max.E..MeV= 0.6	
UVSP	14:19	WaveLength=1544A	
Radio Sweeps	Type/Intensity:		
Radio	Frequency(MHz)/Flux(sfu):	245/350 1415/15 2695/15 4995/18 8800/49 15400/46	

Event # = 1501									
80/11/02,16:06	Start	DOY=307	Peak	SMM Pointing:					
Optical				N23E22				Pitch=-314", Yaw=+332", Roll=0deg	H.Ang=28deg
G0ES	16:03	16:06	16:11	Ha...Class=SN	N25E24	AR2772		Mac.=EKI	H.Ang=31deg
HXRBS	16:03:40	16:04:50	16:05:55	Importance=C2	Qual=01				
BCS	16:04	16:05	16:11	Peak...c/s=100	Qual=01	Tot Cts=1485			
FCS				CaPeak.c/s=55	Qual=1	FePeak=16:05		MaxkeV=57	
HXIS		16:06		Peak3...c/s=181				FePeak.c/s=19	XEN=30703
UVSP	16:03	16:04		Peak...c/s=101				Rast=120"x120"	Cad=65.5s
				Wavelength=1548A	Code=00	Exp #=15220		Step=15"	1.024s/pixel
								Rast=240"x240"	Pitch=10"
									Pitch=-374", Yaw=+269"
Event # = 5716									
80/11/02,19:11	Start	DOY=307	Peak	SMM Pointing:					
Optical				N23E20				Pitch=-313", Yaw=+307", Roll=0deg	H.Ang=27deg
Optical				Ha...Class=SN	S17W68	AR2774		Mac.=DAO	H.Ang=70deg
G0ES	19:03	19:11	19:18	Ha...Class=SN	N04E21	AR2773			H.Ang=21deg
HXRBS	19:04:50	19:05:27	19:06:06	Peak...c/s=155	Qual=01	Tot Cts=2257		MaxkeV=106	
UVSP	19:08			Wavelength=1354A	Code=00	Exp #=15233		Rast=180"x180"	Flags=I
Radio	Frequency (MHz)/Flux(sfu):	245/150	410/81	606/26	2695/15	4995/10		Step=10"	Pitch=-343", Yaw=+200"
				Associated Event # = 5717					
HXRBS	19:10:53	19:11:52	19:12:35	Peak...c/s=69	Qual=01			MaxkeV=57	Flags=I
Event # = 1502									
80/11/03,00:00	Start	DOY=308	Peak	SMM Pointing:					
Optical				N21E14				Pitch=-283", Yaw=+216", Roll=0deg	H.Ang=22deg
G0ES	23:57	00:00	00:06	Ha...Class=1B	N05E18	AR2773		Mac.=DAO	H.Ang=18deg
HXRBS	23:58:15	00:01:55	00:07:15	Importance=M1	Qual=01	Tot Cts=12420		MaxkeV=132	
UVSP	23:54			Peak...c/s=133	Qual=01	Exp #=15260		Rast=180"x180"	Step=10"
Radio	Sweeps	Type/Intensity:		Wavelength=1354A	Code=00			Step=10"	Pitch=-316", Yaw=+176"
				I/1 I11/1					
Event # = 1503									
80/11/03,02:04	Start	DOY=308	Peak	SMM Pointing:					
Optical				N21E13				Pitch=-283", Yaw=+199", Roll=0deg	H.Ang=21deg
G0ES	01:56	02:04	02:24	Ha...Class=1B	N11E44	AR2776		Mac.=EKC	H.Ang=44deg
HXRBS	01:57:10	01:59:25	02:11:55	Importance=M3	Qual=01	Tot Cts=1.07E+5		MaxkeV=132	
UVSP	02:04			Peak...c/s=469	Qual=01	Exp #=15274		Rast=180"x180"	Step=10"
Radio	Sweeps	Type/Intensity:		Wavelength=1354A	Code=02			Step=10"	Pitch=-310", Yaw=+158"
Radio	Frequency (MHz)/Flux(sfu):	1415/32	2695/100	4995/89					
Event # = 20451									
80/11/03,03:21	Start	DOY=308	Peak	SMM Pointing:					
Optical				N21E12				Pitch=-280", Yaw=+183", Roll=0deg	H.Ang=20deg
G0ES	03:18	03:21	03:30	Ha...Class=SN	N22E13	AR2772		Mac.=EKI	H.Ang=22deg
BCS	03:18	03:23	03:32	Importance=C4	Qual=01				
FCS		03:27		CaPeak.c/s=90				Rast=120"x120"	Step=15"
HXIS		03:21		Peak3...c/s=393				Cad=66.0s	
UVSP	03:13			Peak...c/s=136				Rast=180"x180"	Step=10"
				Wavelength=1354A	Code=00	Exp #=15281		Pitch=-315", Yaw=+148"	

Event # = 1504 80/11/03,03:41 Start	DOY=308 Peak	End times	SMM Pointing:	N21E12	Pitch=-280", Yaw=+183", Roll=0deg	H. Ang=20deg
Optical			Ha...Class=1B	N04E17	Mac.=DAO	H. Ang=17deg
Optical			Ha...Class=SF	N22E13	Carr. Lon.=193deg	H. Ang=22deg
G0ES 03:30	03:41	03:54	Importance=M3	Qual=01	MaxkeV=271	dt= 6.3s
G0ES 03:31:15	03:38:10	03:47:15	Peak...c/s=1002	Qual=01	FePeak.c/s=163	#Peaks=3
BGS 03:09	03:39	03:50	CaPeak.c/s=275	Qual= 1	Rast=120"x120"	Cad=65.5s
FCS	03:28		Peak3...c/s=392		Step=15"	1.024s/pixel
UVSP	03:39		Wavelength=1354A	Code=00	Pitch=10"	Pitch=-315", Yaw=+145"
Radio	Frequency(MHz)/Flux(sfu):	2695/35		Exp #=15284		
Event # = 1505 80/11/03,15:56 Start	DOY=308 Peak	End times	SMM Pointing:	N12E41	Pitch=-148", Yaw=+626", Roll=0deg	H. Ang=42deg
Optical			Ha...Class=SN	N22E03	Mac.=EKI	H. Ang=18deg
G0ES 15:51	15:56	16:01	Importance=C2	Qual=01	MaxkeV=57	
HXRBS 15:48:40	15:54:35	15:58:40	Peak...c/s=74	Qual=01	Rast=240"x240"	Step=3"
UVSP 15:55			Wavelength=1550A	Code=00	Pitch=-211", Yaw=+560"	
Event # = 1506 80/11/03,19:50 Start	DOY=308 Peak	End times	SMM Pointing:	N12E39	Pitch=-147", Yaw=+602", Roll=0deg	H. Ang=40deg
G0ES 19:49	19:50	20:01	Importance=C5	Qual=03	MaxkeV=57	
HXRBS 19:49:15	19:50:00	19:51:40	Peak...c/s=85	Qual=01	Rast=9"x9"	Step=3"
UVSP 19:19			Wavelength=1550A	Exp #=15332	Pitch=-182", Yaw=+533"	
Event # = 1507 80/11/03,21:18 Start	DOY=308 Peak	End times	SMM Pointing:	N12E39	Pitch=-152", Yaw=+600", Roll=0deg	H. Ang=40deg
Optical			Ha...Class=SN	N03E04	Mac.=DAO	H. Ang=4deg
G0ES 21:16	21:18	21:20	Importance=C1	Qual=01	MaxkeV=57	
HXRBS 21:17:45	21:18:10	21:18:25	Peak...c/s=92	Qual=01	Rast=9"x9"	Step=3"
UVSP 20:54			Wavelength=1550A	Exp #=15335	Pitch=-151", Yaw=+452"	
Event # = 1508 80/11/03,23:00 Start	DOY=308 Peak	End times	SMM Pointing:	N10E35	Pitch=-109", Yaw=+545", Roll=0deg	H. Ang=35deg
G0ES 22:55	23:00	23:10	Importance=C2	Qual=01	MaxkeV=57	
HXRBS 22:57:25	22:57:50	22:58:15	Peak...c/s=62	Qual=01	Rast=9"x9"	Step=3"
UVSP 22:30			Wavelength=1550A	Exp #=15338	Pitch=-143", Yaw=+521"	
Event # = 1509 80/11/04,01:13 Start	DOY=309 Peak	End times	SMM Pointing:	N10E34	Pitch=-112", Yaw=+537", Roll=0deg	H. Ang=34deg
Optical			Ha...Class=1N	N04E07	Mac.=DAO	H. Ang=7deg
G0ES 01:06	01:13	01:23	Importance=C9	Qual=05	MaxkeV=57	
HXRBS 01:31:35	01:32:05	01:32:35	Peak...c/s=62	Qual=01	Rast=10"x10"	Step=0"
UVSP 01:24			Wavelength=1347A	Exp #=15350	Pitch=-118", Yaw=+533"	

Event # = 1510									
80/11/04,02:03	DOY=309	Start	End times	SMM Pointing:	N10E33		Pitch=-114", Yaw=+525", Roll=0deg	H. Ang=34deg	
Optical				Ha...Class=SB	S15E90				
GOES 01:48	02:03	02:23		Importance=M2	Qual=01		Mac.=HSX	Carr. Lon.=108deg	H. Ang=91deg
HXRBS 01:48:20	01:49:50	02:09:20		Peak...c/s=475	Qual=01				
UVSP 02:01				Wavelength=1354A	Code=00				
Radio				Frequency(MHz)/Flux(sfu):	4995/46 8800/100 15400/61				
Event # = 20452									
80/11/04,06:42	DOY=309	Start	End times	SMM Pointing:	N10E30		Pitch=-108", Yaw=+483", Roll=0deg	H. Ang=31deg	
Optical				Ha...Class=SF	N21W03				
GOES 06:40	06:42	06:50		Importance=C3	Qual=01		Mac.=EKI	Carr. Lon.=198deg	H. Ang=17deg
BCS 06:32	06:41	06:56		CaPeak.c/s=35	Qual=1				
FCS 06:36				Peak3...c/s=156					
UVSP 06:39				Wavelength=1354A	Code=00				
Event # = 20951									
80/11/04,06:58	DOY=309	Start	End times	SMM Pointing:	N10E30		Pitch=-108", Yaw=+483", Roll=0deg	H. Ang=31deg	
Optical				Ha...Class=SF	N21W03				
GOES 06:40	06:42	06:50		Importance=C3	Qual=01				
BCS 06:32	06:41	06:56		CaPeak.c/s=35	Qual=1				
FCS 06:36				Peak3...c/s=156					
UVSP 06:39				Wavelength=1354A	Code=00				
Event # = 20453									
80/11/04,07:03	DOY=309	Start	End times	SMM Pointing:	N10E30		Pitch=-108", Yaw=+483", Roll=0deg	H. Ang=31deg	
Optical				Ha...Class=SF	N21W03				
GOES 07:01	07:03	07:09		Importance=C3	Qual=01				
BCS 07:02	07:03	07:05		CaPeak.c/s=28	Qual=1				
FCS 07:03				Peak3...c/s=88					
UVSP 06:55				Wavelength=1354A	Code=00				
Event # = 1511									
80/11/04,10:01	DOY=309	Start	End times	SMM Pointing:	N10E29		Pitch=-111", Yaw=+463", Roll=0deg	H. Ang=29deg	
Optical				Ha...Class=SF	N14E21				
GOES 10:00	10:01	10:08		Importance=C4	Qual=01		Mac.=FKC	Carr. Lon.=172deg	H. Ang=23deg
HXRBS 10:00:45	10:01:10	10:01:15		Peak...c/s=90	Qual=01				
BCS 10:01	10:02	10:02		CaPeak.c/s=20	Qual=1				
FCS 10:02				Peak3...c/s=30					
UVSP 09:58				Wavelength=1354A	Code=00				
Event # = 5718									
80/11/04,15:02	DOY=309	Start	End times	SMM Pointing:	N10E26		Pitch=-102", Yaw=+422", Roll=0deg	H. Ang=27deg	
Optical				Ha...Class=SF	N14E21				
GOES 15:00	15:02	15:04		Importance=C2	Qual=01				
HXRBS 15:01:30	15:01:48	15:02:33		Peak...c/s=362	Qual=01				
UVSP 15:02				Wavelength=1354A	Code=02				
Radio				Frequency(MHz)/Flux(sfu):	245/44 8800/18 15400/9				

Event # = 20952		80/11/05		DOY=310	
80/11/05,00:11	Start	DOY=310	Peak	SMM Pointing:	N10E21
Optical	End times				
GOES	23:50	00:11	00:38	Ha...Class=SN	N10E23
BCS	00:09	00:10	00:12	Importance=C4	Qual=01
UVSP	23:46			CaPeak.c/s=24	Qual=1
				WaveLength=1354A	Code=00
				FePeak=00:10	Exp #=15439
				Pitch=-109",Yaw=+344",Roll=0deg	H.Ang=22deg
				Mac.=FKC	Carr.Lon.=162deg
				FePeak.c/s=13	#Peaks=1
				Rast=180"x180"	Step=10" Pitch=-133",Yaw=+308"
Event # = 1519					
80/11/05,01:35	Start	DOY=310	Peak	SMM Pointing:	N10E20
Optical	End times				
GOES	01:34	01:35	01:42	Ha...Class=SF	N01W05
HXRBS	01:35:10	01:35:45	01:36:15	Importance=C3	Qual=01
UVSP	01:22			Peak...c/s=130	Qual=01
				WaveLength=1354A	Code=00
				Tot Cts=1690	Exp #=15444
				Pitch=-105",Yaw=+332",Roll=0deg	H.Ang=21deg
				Mac.=DSO	Carr.Lon.=190deg
				MaxkeV=57	H.Ang=6deg
				Rast=180"x180"	Step=10" Pitch=-147",Yaw=+294"
Event # = 1520					
80/11/05,01:41	Start	DOY=310	Peak	SMM Pointing:	N10E20
GOES	End times				
HXRBS	01:39:35	01:41:00	01:42:05	Peak...c/s=64	Qual=00
UVSP	01:22			WaveLength=1354A	Qual=01
				Exp #=15444	
				Pitch=-105",Yaw=+332",Roll=0deg	H.Ang=21deg
				MaxkeV=57	
				Rast=180"x180"	Step=10" Pitch=-147",Yaw=+294"
Event # = 1521					
80/11/05,03:05	Start	DOY=310	Peak	SMM Pointing:	N10E19
GOES	03:03	03:05	03:14	Importance=C3	Qual=01
HXRBS	03:04:30	03:05:25	03:06:35	Peak...c/s=94	Qual=01
BCS	03:08	03:08	03:08	CaPeak.c/s=18	Qual=1
FCS	03:08	03:08	03:08	Peak3...c/s=43	FePeak=03:08
UVSP	03:02			WaveLength=1550A	Code=00
Radio	Frequency(MHz)/Flux(sfu):	2695/20	4995/36	8800/17	Exp #=15448
				Pitch=-105",Yaw=+314",Roll=0deg	H.Ang=20deg
				MaxkeV=57	
				Rast=240"x240"	Step=3" XEN=31003
				FePeak.c/s=13	Step=0" Cad=30.7s 30.72s/pixel
				Rast=0"x0"	Pitch=-165",Yaw=+245"
Event # = 1522					
80/11/05,05:08	Start	DOY=310	Peak	SMM Pointing:	N10E18
Optical	End times				
GOES	04:47	05:08	05:22	Ha...Class=1N	N15E12
HXRBS	05:05:05	05:06:35	05:07:30	Importance=C6	Qual=03
BCS	04:53	05:10	05:30	Peak...c/s=95	Qual=01
FCS	05:21	05:21	05:30	CaPeak.c/s=53	Qual=1
HXIS	05:09			Peak3...c/s=121	
UVSP	04:48			Peak...c/s=80	
Radio	Frequency(MHz)/Flux(sfu):	410/52	606/44	1415/30	2695/20
				4995/22	8800/18
				Pitch=-103",Yaw=+298",Roll=0deg	H.Ang=19deg
				Mac.=FKC	Carr.Lon.=171deg
				MaxkeV=57	
				FePeak.c/s=11	#Peaks=1 dt= 3.2s XEN=31010
				Rast=0"x0"	Step=0" Cad=30.7s 30.72s/pixel
				Step=0"	Pitch=-106",Yaw=+247"
Event # = 1523					
80/11/05,06:37	Start	DOY=310	Peak	SMM Pointing:	N10E18
GOES	06:33	06:37	07:02	Importance=C6	Qual=01
HXRBS	06:35:35	06:36:00	06:37:05	Peak...c/s=546	Qual=01
UVSP	06:31			WaveLength=1354A	Code=00
				Tot Cts=5220	Exp #=15459
				Pitch=-104",Yaw=+289",Roll=0deg	H.Ang=18deg
				MaxkeV=132	
				Rast=180"x180"	Step=10" Pitch=-131",Yaw=+248"

Event # = 20732	D0Y=310		SMM Pointing:	N10E17		Pitch=-105", Yaw=+272", Roll=0deg	H.Ang=17deg
80/11/05, 08:18	Peak	End times					
Optical			Ha...Class=SN	N13E20	AR2776	Mac.=FKC	H.Ang=22deg
GOES 08:08	08:18	08:25	Importance=M1	Qual=04		FePeak.c/s=14	XEN=31004
BCS 08:10	08:10	08:17	CaPeak.c/s=31	Qual=5		Rast=0"x0"	3840s/pixel
FCS 08:11	08:11		Peak3...c/s=23			Cad=3840s	
UVSP 08:07			WaveLength=1354A	Code=00	Exp #=15463	Pitch=-131", Yaw=+234"	
Radio	Frequency(MHz)/Flux(sfu):		4995/53 8800/35 15400/20				
Event # = 1524	D0Y=310		SMM Pointing:	N10E17		Pitch=-105", Yaw=+272", Roll=0deg	H.Ang=18deg
80/11/05, 08:55	Peak	End times					
Optical			Ha...Class=SB	S14E85	AR2779	Mac.=EKI	H.Ang=86deg
GOES 08:32	08:55	09:27	Importance=M3	Qual=02		MaxkeV=57	
HXRBS 08:25:35	08:32:30	08:42:35	Peak...c/s=241	Qual=03	Tot Cts=68340	Flags=M,EN	
UVSP 09:42			WaveLength=1347A		Exp #=15464	Step=0"	Pitch=-131", Yaw=+220"
Radio	Frequency(MHz)/Flux(sfu):		2695/15 4995/26 8800/35 15400/52				
Event # = 1525	D0Y=310		SMM Pointing:	N10E15		Pitch=-101", Yaw=+242", Roll=0deg	H.Ang=16deg
80/11/05, 11:32	Peak	End times					
Optical			Ha...Class=SB	S14E85	AR2779	Mac.=EKI	H.Ang=86deg
GOES 11:29	11:32	11:40	Importance=C9	Qual=01		MaxkeV=57	
HXRBS 11:31:20	11:32:25	11:35:40	Peak...c/s=229	Qual=01	Tot Cts=7800	Rast=180"x180"	Pitch=-165", Yaw=+206"
UVSP 11:19			WaveLength=1354A	Code=00	Exp #=15471	Step=10"	
Event # = 1527	D0Y=310		SMM Pointing:	N10E14		Pitch=-106", Yaw=+232", Roll=0deg	H.Ang=15deg
80/11/05, 12:40	Peak	End times					
GOES 12:34	12:40	12:48	Importance=C3	Qual=03		MaxkeV=57	
HXRBS 12:36:55	12:37:10	12:38:00	Peak...c/s=94	Qual=01	Exp #=15475	Rast=180"x180"	Pitch=-130", Yaw=+195"
UVSP 12:34			WaveLength=1354A	Code=00	Exp # = 1526		
			Associated	Qual=01	Event #		
HXRBS 12:34:20	12:34:35	12:34:45	Peak...c/s=70				
Event # = 1528	D0Y=310		SMM Pointing:	N10E14		Pitch=-106", Yaw=+232", Roll=0deg	H.Ang=15deg
80/11/05, 13:55	Peak	End times					
Optical			Ha...Class=SB	S14E85	AR2779	Carr. Lon.=93deg	H.Ang=86deg
GOES 13:41	13:55	14:58	Importance=X4	Qual=05		Flags=M,SN,ES	
HXRBS 14:05:55	14:06:15	14:20:55	Peak...c/s=1176	Qual=04	Tot Cts=2.32E+5	MaxkeV=57	Pitch=-130", Yaw=+180"
UVSP 14:07			WaveLength=1347A		Exp #=15477	Rast=10"x10"	
Radio	Type/Intensity:		11/1			Step=0"	
Radio	Frequency(MHz)/Flux(sfu):		245/1000 410/33 606/38 1415/74 2695/25 4995/650 8800/1300				
Event # = 5720	D0Y=310		SMM Pointing:	N10E12		Pitch=-103", Yaw=+200", Roll=0deg	H.Ang=13deg
80/11/05, 15:46	Peak	End times					
GOES 15:43	15:46	15:48	Importance=C7	Qual=05		MaxkeV=57	Flags=I
HXRBS 15:44:42	15:45:34	15:46:07	Peak...c/s=87	Qual=01	Rast=180"x180"	Step=10"	Pitch=-130", Yaw=+166"
UVSP 15:44			WaveLength=1354A	Code=00	Exp #=15485		

Event # = 1534 80/11/05,22:34 Start	DOY=310 Peak	End times	SMM Pointing:	N10E08	Pitch=-101", Yaw=+141", Roll=0deg	H. Ang=10deg
Optical			Ha...Class=1B	N11E07	Mac.=FKC	H. Ang=10deg
Optical			Ha...Class=SF	S20E44	Carr. Lon.=166deg	H. Ang=49deg
GOES	22:30	22:34	Importance=M4	Qual=01	AR2776	
HXRBS	22:32:10	22:33:05	Peak...c/s=12730	Qual=01	AR2782	
GRS	22:32:50	22:33:56	Max.E..MeV= 0.5	Tot Cts=4.61E+5	Flags=FS	Dur=66sec
BCS	22:25	22:35	CaPeak.c/s=1806	Nuclear.Line=N	#Peaks=2	XEN=31001
FCS	22:36	22:36	Peak3...c/s=2123	FePeak=22:34	Step=0"	156.2s/pixel
HXIS			Peak...c/s=3569	Qual= 1	Rast=0"x0"	
UVSP	22:27	22:34	Wavelength=1354A	Code=00	Step=10" Pitch=-120", Yaw=+120"	
Event # = 1535 80/11/05,22:58 Start	DOY=310 Peak	End times	SMM Pointing:	N10E08	Pitch=-101", Yaw=+141", Roll=0deg	H. Ang=10deg
Optical			Ha...Class=SB	S12E72	Mac.=EKI	H. Ang=73deg
Optical			Ha...Class=SN	N20W21	Carr. Lon.=194deg	H. Ang=26deg
GOES	22:57	23:00	Importance=C9	Qual=03	AR2779	
HXRBS	22:57:40	22:58:00	Peak...c/s=95	Qual=01	AR2772	
UVSP	22:37	22:58:35	Wavelength=1354A	Code=00	MaxkeV=57	Pitch=-129", Yaw=+103"
Event # = 1536 80/11/05,23:01 Start	DOY=310 Peak	End times	SMM Pointing:	N10E08	Pitch=-101", Yaw=+141", Roll=0deg	H. Ang=10deg
Optical			Ha...Class=SN	S11E08	Mac.=EKI	H. Ang=69deg
GOES	23:00	23:10	Importance=C7	Qual=02	AR2772	
HXRBS	23:01:05	23:01:20	Peak...c/s=447	Qual=01	MaxkeV=132	Flags=FS
UVSP	22:37	23:01:50	Wavelength=1354A	Code=00	Rast=180"x180"	Step=10" Pitch=-129", Yaw=+103"
Event # = 1537 80/11/05,23:47 Start	DOY=310 Peak	End times	SMM Pointing:	N10E08	Pitch=-99", Yaw=+127", Roll=0deg	H. Ang=10deg
Optical			Ha...Class=SN	N10E07	Mac.=FKC	H. Ang=9deg
GOES	23:42	23:51	Importance=C8	Qual=01	AR2776	
HXRBS	23:45:10	23:47:20	Peak...c/s=110	Qual=01	MaxkeV=57	
HXIS	23:47	23:47	Peak...c/s=195	Tot Cts=2080	MaxkeV=57	
UVSP	23:44	23:47	Wavelength=1354A	Code=00	Rast=180"x180"	Step=10" Pitch=-129", Yaw=+93"
Radio	Frequency(MHz)/Flux(sfu):		4995/17 8800/30 15400/27	Exp #=15512		
Event # = 1538 80/11/05,23:53 Start	DOY=310 Peak	End times	SMM Pointing:	N10E08	Pitch=-99", Yaw=+127", Roll=0deg	H. Ang=10deg
Optical			Ha...Class=SN	Qual=01	MaxkeV=57	
GOES	23:51	00:00	Importance=C8	Qual=01	#Peaks=3	dt= 3.2s XEN=31009
HXRBS	23:53:00	23:54:10	Peak...c/s=85	Qual= 1	Rast=120"x120"	Step=15" Cad=65.5s 1.024s/pixel
BCS	23:45	00:02	CaPeak.c/s=100	Qual= 1	Rast=30"x30"	Pitch=-88", Yaw=+140"
FCS	23:56		Peak3...c/s=345	Exp #=15513		
UVSP	23:47		Wavelength=1354A	Code=00		

Event # = 1539		80/11/06		DOY=311	
80/11/06,00:28	Start	DOY=311	Peak	SMM Pointing:	
Optical	End times	N10E08			
Optical		Ha...Class=SB			
GOES	00:25	00:28	00:31	S18E39	
HXRBS	00:26:25	00:27:15	00:30:15	N23W27	
UVSP	23:57			Qual=01	
		Peak...c/s=139		Tot Cts=2300	
		Wavelength=1354A		Exp # = 15514	
		Code=00			
				Pitch=-99",Yaw=+127",Roll=0deg	
				Mac.=DAO	
				Carr. Lon.=133deg	
				H. Ang=44deg	
				Carr. Lon.=199deg	
				H. Ang=32deg	
				MaxkeV=57	
				Rast=180"x180"	
				Step=10"	
				Pitch=-129",Yaw=+90"	
				Pitch=-99",Yaw=+127",Roll=0deg	
				Mac.=FKC	
				Carr. Lon.=166deg	
				H. Ang=9deg	
				Carr. Lon.=194deg	
				H. Ang=30deg	
				Carr. Lon.=102deg	
				H. Ang=71deg	
				Carr. Lon.=130deg	
				H. Ang=48deg	
				MaxkeV=57	
				FePeak.c/s=15	
				#Peaks=1	
				Cad= 147s	
				XEN=31105	
				Rast=180"x180"	
				Step=15"	
				Cad= 147s	
				Pitch=-129",Yaw=+78"	
				Rast=10"x10"	
				Step=0"	
				Pitch=-129",Yaw=+78"	
				Pitch=-101",Yaw=+117",Roll=0deg	
				Mac.=FKI	
				Carr. Lon.=99deg	
				H. Ang=73deg	
				MaxkeV=132	
				FePeak.c/s=7	
				#Peaks=1	
				Cad= 147s	
				XEN=31108	
				Rast=180"x180"	
				Step=15"	
				Cad= 147s	
				Pitch=-129",Yaw=+78"	
				Rast=180"x180"	
				Step=10"	
				Cad= 147s	
				XEN=31106	
				FePeak.c/s=13	
				#Peaks=1	
				Cad= 147s	
				XEN=31109	
				Rast=180"x180"	
				Step=15"	
				Cad= 147s	
				Pitch=-129",Yaw=+78"	
				Rast=180"x180"	
				Step=10"	
				Cad= 147s	
				XEN=31111	
				FePeak.c/s=5	
				#Peaks=1	
				Pitch=-101",Yaw=+117",Roll=0deg	
				FePeak.c/s=13	
				#Peaks=1	
				dt= 6.3s	
				XEN=31112	
				Rast=180"x180"	
				Step=15"	
				Cad= 147s	
				Pitch=-129",Yaw=+70"	
				Rast=180"x180"	
				Step=10"	
				Cad= 147s	
				XEN=31112	
				FePeak.c/s=13	
				#Peaks=1	
				dt= 6.3s	
				XEN=31112	
				Rast=180"x180"	
				Step=15"	
				Cad= 147s	
				Pitch=-129",Yaw=+70"	
				Rast=180"x180"	
				Step=10"	
				Cad= 147s	
				XEN=31112	
				FePeak.c/s=13	
				#Peaks=1	
				dt= 6.3s	
				XEN=31112	
				Rast=180"x180"	
				Step=15"	
				Cad= 147s	
				Pitch=-129",Yaw=+70"	
				Rast=180"x180"	
				Step=10"	
				Cad= 147s	
				XEN=31112	
				FePeak.c/s=13	
				#Peaks=1	
				dt= 6.3s	
				XEN=31112	
				Rast=180"x180"	
				Step=15"	
				Cad= 147s	
				Pitch=-129",Yaw=+70"	
				Rast=180"x180"	
				Step=10"	
				Cad= 147s	
				XEN=31112	
				FePeak.c/s=13	
				#Peaks=1	
				dt= 6.3s	
				XEN=31112	
				Rast=180"x180"	
				Step=15"	
				Cad= 147s	
				Pitch=-129",Yaw=+70"	
				Rast=180"x180"	
				Step=10"	
				Cad= 147s	
				XEN=31112	
				FePeak.c/s=13	
				#Peaks=1	
				dt= 6.3s	
				XEN=31112	
				Rast=180"x180"	
				Step=15"	
				Cad= 147s	
				Pitch=-129",Yaw=+70"	
				Rast=180"x180"	
				Step=10"	
				Cad= 147s	
				XEN=31112	
				FePeak.c/s=13	
				#Peaks=1	
				dt= 6.3s	
				XEN=31112	
				Rast=180"x180"	
				Step=15"	
				Cad= 147s	
				Pitch=-129",Yaw=+70"	
				Rast=180"x180"	
				Step=10"	
				Cad= 147s	
				XEN=31112	
				FePeak.c/s=13	
				#Peaks=1	
				dt= 6.3s	
				XEN=31112	
				Rast=180"x180"	
				Step=15"	
				Cad= 147s	
				Pitch=-129",Yaw=+70"	
				Rast=180"x180"	
				Step=10"	
				Cad= 147s	
				XEN=31112	
				FePeak.c/s=13	
				#Peaks=1	
				dt= 6.3s	
				XEN=31112	
				Rast=180"x180"	
				Step=15"	
				Cad= 147s	
				Pitch=-129",Yaw=+70"	
				Rast=180"x180"	
				Step=10"	
				Cad= 147s	
				XEN=31112	
				FePeak.c/s=13	
				#Peaks=1	
				dt= 6.3s	
				XEN=31112	
				Rast=180"x180"	
				Step=15"	
				Cad= 147s	
				Pitch=-129",Yaw=+70"	
				Rast=180"x180"	
				Step=10"	
				Cad= 147s	
				XEN=31112	
				FePeak.c/s=13	
				#Peaks=1	
				dt= 6.3s	
				XEN=31112	
				Rast=180"x180"	
				Step=15"	
				Cad= 147s	
				Pitch=-129",Yaw=+70"	
				Rast=180"x180"	
				Step=10"	
				Cad= 147s	
				XEN=31112	
				FePeak.c/s=13	
				#Peaks=1	
				dt= 6.3s	
				XEN=31112	
				Rast=180"x180"	
				Step=15"	
				Cad= 147s	
				Pitch=-129",Yaw=+70"	
				Rast=180"x180"	
				Step=10"	
				Cad= 147s	
				XEN=31112	
				FePeak.c/s=13	
				#Peaks=1	
				dt= 6.3s	
				XEN=31112	
				Rast=180"x180"	
				Step=15"	
				Cad= 147s	
				Pitch=-129",Yaw=+70"	
				Rast=180"x180"	
				Step=10"	
				Cad= 147s	
				XEN=31112	
				FePeak.c/s=13	
				#Peaks=1	
				dt= 6.3s	
				XEN=31112	
				Rast=180"x180"	
				Step=15"	
				Cad= 147s	
				Pitch=-129",Yaw=+70"	
				Rast=180"x180"	
				Step=10"	
				Cad= 147s	
				XEN=31112	
				FePeak.c/s=13	
				#Peaks=1	
				dt= 6.3s	
				XEN=31112	
				Rast=180"x180"	
				Step=15"	
				Cad= 147s	
				Pitch=-129",Yaw=+70"	
				Rast=180"x180"	
				Step=10"	
				Cad= 147s	
				XEN=31112	
				FePeak.c/s=13	
				#Peaks=1	
				dt= 6.3s	
				XEN=31112	
				Rast=180"x180"	
				Step=15"	
				Cad= 147s	
				Pitch=-129",Yaw=+70"	
				Rast=180"x180"	
				Step=10"	
				Cad= 147s	
				XEN=31112	
				FePeak.c/s=13	
				#Peaks=1	
				dt= 6.3s	
				XEN=31112	
				Rast=180"x180"	
				Step=15"	
				Cad= 147s	
				Pitch=-129",Yaw=+70"	
				Rast=180"x180"	
				Step=10"	
				Cad= 147s	
				XEN=31112	
				FePeak.c/s=13	
				#Peaks=1	
				dt= 6.3s	
				XEN=31112	
				Rast=180"x180"	
				Step=15"	
				Cad= 147s	
				Pitch=-129",Yaw=+70"	
				Rast=180"x180"	
				Step=10"	
				Cad= 147s	
				XEN=31112	
				FePeak.c/s=13	
				#Peaks=1	
				dt= 6.3s	
				XEN=31112	
				Rast=180"x180"	
				Step=15"	
				Cad= 147s	
				Pitch=-129",Yaw=+70"	
				Rast=180"x180"	
				Step=10"	
				Cad= 147s	
				XEN=31112	
				FePeak.c/s=13	
				#Peaks=1	
				dt= 6.3s	
				XEN=31112	
				Rast=180"x180"	
				Step=15"	
				Cad= 147s	
				Pitch=-129",Yaw=+70"	
				Rast=180"x180"	
				Step=10"	
				Cad= 147s	
				XEN=31112	
				FePeak.c/s=13	
				#Peaks=1	
				dt= 6.3s	
				XEN=31112	
				Rast=180"x180"	
				Step=15"	
				Cad= 147s	
				Pitch=-129",Yaw=+70"	
				Rast=180"x180"	
				Step=10"	
				Cad= 147s	
				XEN=31112	
				FePeak.c/s=13	
				#Peaks=1	
				dt= 6.3s	
				XEN=31112	
				Rast=180"x180"	
				Step=15"	
				Cad= 147s	
				Pitch=-129",Yaw=+70"	
				Rast=180"x180"	
				Step=10"	
				Cad= 147s	
				XEN=31112	
				FePeak.c/s=13	
				#Peaks=1	
				dt= 6.3s	
				XEN=31112	
				Rast=180"x180"	
				Step=15"	
				Cad= 147s	
				Pitch=-129",Yaw=+70"	
				Rast=180"x180"	
				Step=10"	
				Cad= 147s	
				XEN=31112	
				FePeak.c/s=13	
				#Peaks=1	
				dt= 6.3s	
				XEN=31112	
				Rast=180"x180"	

Event # = 20454 80/11/06, 02:55 Start	DOY=311 Peak	SMM Pointing:	N10E06	Pitch=-101", Yaw=+97", Roll=0deg	H. Ang=8deg
GOES 02:52	02:55	CaPeak.c/s=71	Qual=00	dt= 3.2s	XEN=31113
BCS 03:04	03:04	Peak3...c/s=191	Qual=1	Step=15"	Cad= 147s
FCS 02:55	02:55	Peak...c/s=152		Pitch=-162", Yaw=+29"	
HXIS		Wavelength=3085A			
UVSP 02:52					
Event # = 1542 80/11/06, 03:25 Start	DOY=311 Peak	SMM Pointing:	N10E06	Pitch=-101", Yaw=+97", Roll=0deg	H. Ang=8deg
Optical		Ha...Class=SF	N20W23	Mac.=EK0	Carr. Lon.=193deg
GOES 03:20	03:25	Importance=C3	Qual=01	MaxkeV=57	
HXRBS 03:22:05	03:22:50	Peak...c/s=74	Qual=01	FePeak.c/s=13	#Peaks=1
BCS 03:22	03:22	CaPeak.c/s=25	Qual=1	Rast=180"x180"	Step=15"
FCS 03:25	03:25	Peak3...c/s=119		Pitch=-107", Yaw=+39"	XEN=31116
UVSP 03:21		Wave length=1542A	Code=00	Step=0"	
Event # = 1543 80/11/06, 03:52 Start	DOY=311 Peak	SMM Pointing:	N10E06	Pitch=-101", Yaw=+97", Roll=0deg	H. Ang=8deg
Optical		Ha...Class=2B	S12E72	Mac.=FKI	Carr. Lon.=98deg
Optical		Ha...Class=SF	N03W21	AR2779	Carr. Lon.=191deg
GOES 03:29	03:52	Importance=X9	Qual=02	AR2773	
HXRBS 03:24:10	03:48:00	Peak...c/s=155347	Qual=13	Tot Cts=7.39E+7	MaxkeV=508
GRS 03:44:40	03:46:35	Max.E..MeV= 1.0		Nuclear.Line=Y	>10MeV=N
BCS 06:24	06:24	CaPeak.c/s=267	Qual= 5	FePeak.c/s=24	#Peaks=1
FCS 06:41	06:41	Peak3...c/s=384		Rast=420"x420"	Step=10"
HXIS 06:25	06:25	Peak...c/s=403			Cad=1806s
UVSP 03:40		Wavelength=1549A	Code=00	Rast=3"x3"	Step=0"
Radio Sweeps	Type/Intensity:	11/3 111/3 1V/3		Pitch=-107", Yaw=+36"	
Radio Frequency (MHz)/Flux(sfu):	245/510 410/92000	1415/610 2695/1600 4995/3000 8800/4400 15400/12000			
BCS 04:52	04:53	CaPeak.c/s=19	Qual= 1	FePeak.c/s=10	#Peaks=1
UVSP 04:43	04:54	Wavelength=1549A	Associated	Rast=3"x3"	Step=0"
BCS 05:02	05:04	CaPeak.c/s=26	Qual= 1	FePeak.c/s=7	dt= 1.1s
FCS 05:02	05:02	Peak3...c/s=106		Rast=180"x180"	Cad= 147s
UVSP 04:43		Wavelength=1549A		Rast=3"x3"	Step=0"
Event # = 20456 80/11/06, 05:04 Start	DOY=311 Peak	SMM Pointing:	N10E05	Pitch=-105", Yaw=+87", Roll=0deg	H. Ang=8deg
Optical		Ha...Class=1N	N10E08	Mac.=EK0	Carr. Lon.=162deg
Optical		Ha...Class=1N	S19E40	AR2776	Carr. Lon.=130deg
GOES 05:04	05:04	Peak...c/s=80	Qual=00	AR2782	
HXIS 04:43		Wave length=1549A		Exp # = 15529	Step=0"
UVSP 04:43				Rast=3"x3"	Pitch=-106", Yaw=+25"

Event # = 1544									
80/11/06,06:32	DOY=311	Peak	End times	SMM Pointing:	S14E71		Pitch=+255", Yaw=+888", Roll=0deg	H. Ang=72deg	
Optical				Ha...Class=1B	S22E42				
GOES 06:26	06:32	06:40	06:40	Importance=M1	Qual=01	AR2782	Mac.=EAO	Carr. Lon.=127deg	H. Ang=48deg
HXRBS 06:26:40	06:27:25	06:31:45		Peak...c/s=172	Qual=01				
UVSP 06:26				Wave length=1354A	Code=00	Tot Cts=11550	MaxkeV=132		
Radio	Frequency(MHz)/Flux(sfu):			245/70 606/39 1415/27 2695/29 4995/31 8800/27 15400/31	Exp #=15535		Rast=30"x30"	Step=10"	Pitch=+236", Yaw=+931"
Event # = 1545									
80/11/06,06:56	DOY=311	Peak	End times	SMM Pointing:	S14E71		Pitch=+255", Yaw=+888", Roll=0deg	H. Ang=72deg	
Optical				Ha...Class=1B	N09E03				
GOES 06:48	06:56	07:22	07:22	Importance=M3	Qual=01	AR2776	Mac.=EKC	Carr. Lon.=166deg	H. Ang=6deg
HXRBS 06:47:30	06:50:55	06:58:10		Peak...c/s=2613	Qual=01				
UVSP 06:36				Wave length=1354A	Code=00	Tot Cts=2.37E+5	MaxkeV=272	Flags=M	
						Exp #=15536	Rast=180"x180"	Step=10"	Pitch=+227", Yaw=+856"
Event # = 20457									
80/11/06,08:06	DOY=311	Peak	End times	SMM Pointing:	S14E70		Pitch=+254", Yaw=+885", Roll=0deg	H. Ang=72deg	
Optical				Ha...Class=SF	S18W78				
GOES 08:02	08:06	08:12	08:12	Importance=C4	Qual=01	AR2780			
BCS 08:05	08:05	08:38		CaPeak.c/s=123	Qual= 5				
FCS 08:07				Peak3...c/s=183			FePeak=08:05		
HXIS 08:07				Peak...c/s=171			Rast=0"x0"	#Peaks=1	XEN=31127
UVSP 08:07				Wave length=1347A	Code=02	Exp #=15537	Rast=10"x10"	Step=0"	Cad=30.7s 30.72s/pixel
								Pitch=+228", Yaw=+851"	
Event # = 1546									
80/11/06,09:50	DOY=311	Peak	End times	SMM Pointing:	S14E70		Pitch=+254", Yaw=+885", Roll=0deg	H. Ang=72deg	
Optical				Importance=C4	Qual=01				
GOES 09:48	09:50	09:52	09:52	Peak...c/s=188	Qual=01				
HXRBS 09:50:15	09:50:30	09:52:35		Wave length=1354A	Code=00	Tot Cts=2100	MaxkeV=132		
UVSP 09:44						Exp #=15544	Rast=180"x180"	Step=10"	Pitch=+214", Yaw=+847"
Event # = 4305									
80/11/06,10:12	DOY=311	Peak	End times	SMM Pointing:	S14E70		Pitch=+254", Yaw=+885", Roll=0deg	H. Ang=72deg	
Optical				Importance=C7	Qual=03				
GOES 10:00	10:12	10:16	10:16	Peak...c/s=71	Qual=01		MaxkeV=57	Flags=I	
HXRBS 10:00:35	10:01:05	10:01:20		Wave length=1354A	Code=00	Exp #=15545	Rast=30"x30"	Step=10"	Pitch=+206", Yaw=+893"
UVSP 10:08									
Event # = 20458									
80/11/06,10:12	DOY=311	Peak	End times	SMM Pointing:	S14E70		Pitch=+254", Yaw=+885", Roll=0deg	H. Ang=72deg	
Optical				Importance=C7	Qual=02				
GOES 10:08	10:12	10:20	10:20	CaPeak.c/s=196	Qual= 1				
BCS 09:45	10:12	10:14	10:14	Peak3...c/s=404			FePeak.c/s=36	#Peaks=1	dt= 6.5s XEN=31128
FCS 10:13	10:13			Peak...c/s=344			Rast=120"x120"	Step=15"	Cad=65.5s 1.024s/pixel
HXIS 10:10	10:10			Wave length=1354A	Code=00	Exp #=15545	Rast=30"x30"	Step=10"	Pitch=+206", Yaw=+893"
UVSP 10:08									

Event # = 1550	DOY=311	Start	End times	SMM Pointing:	S14E68	Pitch=+256", Yaw=+871", Roll=0deg	H. Ang=69deg
80/11/06, 15:26	Peak						
Optical				Ha...Class=2B	S09E65	Mac.=FKI	
Optical				Ha...Class=2B	N06W07		
Optical				Ha...Class=SN	N21W38		
GOES	14:44	15:26	17:00	Importance=X1	Qual=05		
HXRBS	14:54:25	15:01:30	15:58:25	CaPeak...c/s=1553	Qual=13	Tot Cts=2.46E+5	
BCS	14:44	15:36	16:36	CaPeak.c/s=4000		MaxkeV=132	
FCS		15:39		Peak3...c/s=3279		Rast=180"x180"	Step=15" Cad= 148s
HXIS		15:38		Peak...c/s=5680			
UVSP	15:39			Wavelength=1347A			
					Exp #=15566		
HXRBS	16:24:50	16:25:15	16:26:35	Associated	Event # = 1551		
HXIS		16:22		Peak...c/s=123	Qual=01	Rast=10"x10"	Step=0" Pitch=+210", Yaw=+827"
UVSP	16:11			Peak...c/s=1855		MaxkeV=57	
				Wavelength=1354A			
					Exp #=15572	Rast=180"x180"	Step=10" Pitch=+233", Yaw=+825"
Event # = 20960	DOY=311	Start	End times	SMM Pointing:	S14E68	Pitch=+256", Yaw=+871", Roll=0deg	H. Ang=69deg
80/11/06, 15:26	Peak						
GOES	14:44	15:26	17:00	Importance=X1	Qual=04		
BCS	14:02	15:39	16:36	CaPeak.c/s=4073	Qual= 1	FePeak=15:39	
FCS		15:40		Peak3...c/s=3279			
UVSP	15:39			Wavelength=1347A			
					Exp #=15566		
Event # = 1552	DOY=311	Start	End times	SMM Pointing:	S14E65	Pitch=+258", Yaw=+854", Roll=0deg	H. Ang=67deg
80/11/06, 17:28	Peak						
Optical				Ha...Class=2B	S09E65	Mac.=FKI	
GOES	17:23	17:28	17:44	Importance=M4	Qual=01		
HXRBS	17:13:45	17:27:22	17:39:55	Peak...c/s=1236	Qual=03	Tot Cts=1.62E+5	
BCS	17:14	17:27	18:12	CaPeak.c/s=1860	Qual= 1	FePeak=17:27	
FCS		17:28		Peak3...c/s=2115			
HXIS		17:25		Peak...c/s=3631			
UVSP	17:19			Wavelength=1354A	Code=00	Exp #=15577	
Radio	Frequency (MHz)/Flux(sfu):	2695/22	4995/28	8800/39	15400/49	Rast=30"x30"	Step=10" Pitch=+242", Yaw=+870"
Event # = 1553	DOY=311	Start	End times	SMM Pointing:	S14E65	Pitch=+258", Yaw=+854", Roll=0deg	H. Ang=67deg
80/11/06, 17:58	Peak						
GOES	17:58:55	17:59:00	18:00:20	Peak...c/s=137	Qual=00		
HXRBS	17:58	17:58	18:12	CaPeak.c/s=199	Qual=01	MaxkeV=57	
BCS		18:02		Peak3...c/s=233	Qual= 5	FePeak.c/s=11	
FCS		18:05		Peak...c/s=280		Rast=180"x180"	Step=15" Cad= 147s XEN=31131
HXIS				Wavelength=1354A			
UVSP	17:28					Rast=180"x180"	Step=10" Pitch=+234", Yaw=+821"
					Exp #=15578		
Event # = 6394	DOY=311	Start	End times	SMM Pointing:	S14E64	Pitch=+261", Yaw=+848", Roll=0deg	H. Ang=66deg
80/11/06, 19:21	Peak						
Optical				Ha...Class=1B	N10W05	Mac.=EKC	
GOES	19:15	19:21	19:30	Importance=M1	Qual=01		
HXRBS	19:17:39	19:21:57	19:24:29	Peak...c/s=124	Qual=01	Carr. Lon.=167deg	
UVSP	18:52			Wavelength=1354A	Code=00	Flags=AX	
Radio	Frequency (MHz)/Flux(sfu):	410/66	2695/31	4995/26	8800/25	15400/15	
						Rast=180"x180"	Step=10" Pitch=+220", Yaw=+816"

Event # = 1559									
80/11/06	22:27	Start	DOY=311	Peak	End times	SMM Pointing:			
Optical	22:19	22:27				Ha...Class=1B	N11E07	AR2776	Pitch=+262", Yaw=+1040", Roll=0deg
GOES	22:19	22:27			22:42	Importance=M3	Qual=01		Mac.=EKC Carr.Lon.=153deg H.Ang=10deg
HXRBS	22:17:00	22:21:55			22:37:40	Peak...c/s=1020	Qual=01	Tot Cts=2.33E+5	
BCS	22:01	22:26			22:37	CaPeak.c/s=1835	Qual=6	FePeak=22:26	Flags=M
FCS		22:13				Peak3...c/s=521			dt= 6.3s XEN=31134
HXIS		22:26				Peak...c/s=3307			Rast=0"x0" Cad=1.54s/pixel
UVSP	22:16					WaveLength=1354A	Code=00	Exp #=15595	Rast=180"x180" Step=10" Pitch=-29", Yaw=+801"
Radio	Frequency (MHz)/Flux(sfu):					4995/120 8800/58	15400/47		
Event # = 1560									
80/11/06	22:49	Start	DOY=311	Peak	End times	SMM Pointing:			
GOES	22:48	22:49			22:53	Importance=C5	Qual=01		Pitch=+4", Yaw=-8", Roll=0deg H.Ang=1deg
HXRBS	22:43:20	22:49:15			22:52:45	Peak...c/s=101	Qual=01		
BCS	22:57	22:57			22:59	CaPeak.c/s=356	Qual=5	Tot Cts=3955	MaxkeV=57
FCS		22:57				Peak3...c/s=131		FePeak=22:57	FePeak.c/s=23 #Peaks=1
HXIS		22:56				Peak...c/s=651			Rast=180"x180" Step=15" Cad= 147s XEN=31136
UVSP	22:16					WaveLength=1354A	Code=00	Exp #=15595	Rast=180"x180" Step=10" Pitch=-29", Yaw=+801"
Event # = 1561									
80/11/06	23:44	Start	DOY=311	Peak	End times	SMM Pointing:			
GOES	23:40	23:44			23:55	Importance=C9	Qual=01		Pitch=+264", Yaw=+828", Roll=0deg H.Ang=64deg
HXRBS	23:43:05	23:44:10			23:44:10	Peak...c/s=70	Qual=01		
BCS	23:37	23:48			00:35	CaPeak.c/s=218	Qual=1	FePeak=23:46	MaxkeV=57
FCS		23:49				Peak3...c/s=662			FePeak.c/s=32 #Peaks=3 dt= 6.3s XEN=31137
HXIS		23:45				Peak...c/s=415			Rast=180"x180" Step=15" Cad= 147s 1.024s/pixel
UVSP	23:41					WaveLength=1354A	Code=00	Exp #=15600	Rast=30"x30" Step=10" Pitch=+214", Yaw=+844"
80/11/07 DOY=312									
Event # = 4386									
80/11/07	01:36	Start	DOY=312	Peak	End times	SMM Pointing:			
Optical						Ha...Class=SB	S14E61	AR2776	Pitch=+261", Yaw=+824", Roll=0deg H.Ang=63deg
GOES	01:20	01:36			01:40	Ha...Class=SN		AR2779	Mac.=FKC Carr.Lon.=168deg H.Ang=10deg
HXRBS	01:35:45	01:36:20			01:37:00	Importance=C8	Qual=01		Carr.Lon.=93deg H.Ang=66deg
BCS	01:20	01:36			01:41	Peak...c/s=256	Qual=01	Tot Cts=1125	Flags=I
FCS		01:38				CaPeak.c/s=170			MaxkeV=57
UVSP	01:34					Peak3...c/s=547			Rast=120"x120" Step=15" Cad=66.0s
Radio	Frequency (MHz)/Flux(sfu):					4995/19 8800/43	15400/14	Exp #=15606	Rast=30"x30" Step=3" Pitch=+209", Yaw=+832"
Associated									
HXRBS	01:21:10	01:23:20			01:25:45	Peak...c/s=116	Qual=01		
UVSP	01:19					WaveLength=1550A		Tot Cts=2200	MaxkeV=57
Associated									
HXRBS	01:37:15	01:39:05			01:40:55	Peak...c/s=85	Qual=01	Exp #=15604	Rast=240"x240" Step=3" Pitch=+205", Yaw=+756"
Event # = 4387									
Tot Cts=1980									
Flags=I									

Event # = 4390									
80/11/07, 01:52	Start	DOY=312	End times	SMM Pointing:	S14E61	Pitch=+261", Yaw=+824", Roll=0deg	H. Ang=63deg		
Optical		Peak		Ha...Class=SF	S20E32	Mac.=DAI	Carr. Lon.=126deg	H. Ang=39deg	
GOES	01:41	01:52	01:57	Importance=M1	Qual=01				
HXRBS	01:49:40	01:50:40	01:52:40	Peak...c/s=406	Qual=01	Tot Cts=5940	Flags=1	XEN=31250	
BCS	01:12	01:51	02:10	CaPeak.c/s=297	Qual=1	FePeak=01:51	#Peaks=3	dt= 6.3s	
FCS		01:48		Peak3...c/s=740		Rast=120"x120"	Step=15"	Cad=65.5s	1.024s/pixel
HXIS		01:49		Peak...c/s=645					
UVSP	01:34			WaveLength=1550A	Code=00	Exp #=15606	Step=3"	Pitch=+209", Yaw=+832"	
Radio	Frequency (MHz)/Flux(sfu):	2695/26 4995/22 8800/23		Associated	Event # = 4388				
HXRBS	01:41:50	01:42:30	01:45:05	Peak...c/s=98	Qual=01	MaxkeV=57	Flags=1		
HXRBS	01:45:35	01:46:25	01:48:15	Peak...c/s=139	Qual=01	MaxkeV=57	Flags=1		
Event # = 1563									
80/11/07, 02:08	Start	DOY=312	End times	SMM Pointing:	S14E61	Pitch=+261", Yaw=+824", Roll=0deg	H. Ang=63deg		
Optical		Peak		Ha...Class=2B	N07W11	Mac.=FKC	Carr. Lon.=169deg	H. Ang=11deg	
GOES	01:59	02:08	03:07	Importance=X2	Qual=03				
HXRBS	02:00:09	02:04:55	02:11:10	Peak...c/s=86574	Qual=03	MaxkeV=508	Flags=M, EN	Dur=66sec	
GRS	02:04:12		02:05:18	Max.E..MeV= 1.0		>10MeV-N	Step=3"	Pitch=+209", Yaw=+832"	
UVSP	01:34			WaveLength=1550A	Code=00	Rast=30"x30"			
Radio	Type/Intensity:	1/2							
Radio Sweeps	Frequency (MHz)/Flux(sfu):	4995/6300 8800/7100 15400/4800		Associated	Event # = 4391				
HXRBS	01:56:35	01:57:40	01:59:10	Peak...c/s=291	Qual=01	MaxkeV=132	Flags=1		
Event # = 1564									
80/11/07, 03:35	Start	DOY=312	End times	SMM Pointing:	S14E61	Pitch=+261", Yaw=+824", Roll=0deg	H. Ang=63deg		
Optical		Peak		Ha...Class=1F	S11E57	Mac.=FKC	Carr. Lon.=100deg	H. Ang=59deg	
Optical				Ha...Class=SF	N08W09		Carr. Lon.=166deg	H. Ang=10deg	
GOES	03:29	03:35	03:40	Importance=M1	Qual=01				
HXRBS	03:32:15	03:33:40	03:35:50	Peak...c/s=307	Qual=01	Tot Cts=7955	#Peaks=3	dt= 6.3s	XEN=31203
BCS	02:48	03:33	03:47	CaPeak.c/s=376	Qual=1	FePeak=03:33	Step=15"	Cad= 147s	1.024s/pixel
FCS		03:33		Peak3...c/s=802		Rast=180"x180"			
HXIS		03:32		Peak...c/s=852					
UVSP	02:57			WaveLength=1549A	Code=00	Exp #=15610	Step=0"	Pitch=+256", Yaw=+741"	
Event # = 1565									
80/11/07, 04:58	Start	DOY=312	End times	SMM Pointing:	S14E59	Pitch=+267", Yaw=+808", Roll=0deg	H. Ang=61deg		
Optical		Peak		Ha...Class=SN	S10E57	Mac.=FKC	Carr. Lon.=99deg	H. Ang=58deg	
GOES	04:44	04:58	05:14	Importance=M2	Qual=01				
HXRBS	04:37:35	04:54:30	05:06:40	Peak...c/s=272	Qual=01	Tot Cts=71545	#Peaks=2	dt= 6.5s	XEN=31200
BCS	04:37	04:58	05:22	CaPeak.c/s=1391	Qual=1	FePeak=04:57	Step=15"	Cad= 147s	1.024s/pixel
FCS		05:00		Peak3...c/s=1560		Rast=180"x180"			
HXIS	04:57			Peak...c/s=2359					

Event # = 1566									
80/11/07, 05:22	Start	DOY=312	End times	SMM Pointing:	S14E59			Pitch=+267", Yaw=+808", Roll=0deg	H. Ang=61deg
Optical		Peak							
GOES	05:15	05:22	05:25	Ha...Class=SF	N09W10	AR2776		Mac.=FKC	Carr. Lon.=166deg
HXRBS	05:16:20	05:16:40	05:17:10	Importance=C6	Qual=02			MaxkeV=57	H. Ang=11deg
UVSP	06:21			Peak...c/s=99	Qual=01	Exp #=15612		Rast=4" x4"	
				Wavelength=1348A				Step=0"	Pitch=+258", Yaw=+725"
Event # = 1567									
80/11/07, 06:54	Start	DOY=312	End times	SMM Pointing:	S14E58			Pitch=+265", Yaw=+801", Roll=0deg	H. Ang=60deg
Optical		Peak							
GOES	06:51	06:54	06:57	Ha...Class=SN	S11E56	AR2779		Mac.=FKC	H. Ang=58deg
HXRBS	06:51:10	06:54:45	06:55:50	Ha...Class=IF	N08W12	AR2776			H. Ang=13deg
BCS	06:20	06:55	06:58	Importance=C6	Qual=02			MaxkeV=57	
FCS		06:54		Peak...c/s=70	Qual=01	Tot Cts=1400		FePeak.c/s=16	#Peaks=3 dt= 6.5s XEN=31204
HXIS		06:58		CaPeak.c/s=95	Qual= 1	FePeak=06:55		Rast=180"x180"	Step=15" Cad= 147s 1.024s/pixel
UVSP	06:29			Peak3...c/s=345		Exp #=15614		Rast=4" x4"	Step=0" Pitch=+262", Yaw=+759"
				Peak...c/s=147					
				Wavelength=1353A	Code=00				
Event # = 1568									
80/11/07, 08:08	Start	DOY=312	End times	SMM Pointing:	S14E58			Pitch=+265", Yaw=+801", Roll=0deg	H. Ang=60deg
GOES	08:07	08:08	08:09	Importance=C6	Qual=01				
HXRBS	08:07:55	08:08:20	08:09:15	Peak...c/s=226	Qual=01	Tot Cts=2880		MaxkeV=57	
BCS	08:00	08:00	08:01	CaPeak.c/s=21	Qual= 5	FePeak=08:00		FePeak.c/s=13	#Peaks=1 XEN=31205
FCS		08:01		Peak3...c/s=17				Rast=420"x420"	Step=10" Cad=1806s 1.024s/pixel
HXIS		08:10		Peak...c/s=128		Exp #=15617		Rast=4" x4"	Step=0" Pitch=+223", Yaw=+776"
UVSP	08:04			Wavelength=1353A	Code=00				
Event # = 1569									
80/11/07, 08:12	Start	DOY=312	End times	SMM Pointing:	S14E58			Pitch=+265", Yaw=+801", Roll=0deg	H. Ang=60deg
GOES	08:10	08:12	08:30	Importance=C6	Qual=01				
HXRBS	08:12:10	08:12:25	08:13:35	Peak...c/s=102	Qual=01	Tot Cts=595		MaxkeV=57	
BCS	08:04	08:13	08:27	CaPeak.c/s=82	Qual= 1	FePeak=08:12		FePeak.c/s=13	#Peaks=2 dt= 6.5s XEN=31207
FCS		08:15		Peak3...c/s=279		Exp #=15617		Rast=420"x420"	Step=10" Cad=1806s 1.024s/pixel
UVSP	08:04			Wavelength=1353A	Code=00	Exp #=15617		Rast=4" x4"	Step=0" Pitch=+223", Yaw=+776"
				Associated	Qual=01	Tot Cts=260		MaxkeV=57	
HXRBS	08:17:35	08:17:45	08:17:55	Peak...c/s=106	Qual=01	Event # = 20962			
BCS	08:29	08:30	08:31	CaPeak.c/s=22	Qual= 1	FePeak=08:29		FePeak.c/s=7	#Peaks=1 XEN=31209
FCS		08:30		Peak3...c/s=10		Event # = 20962		Rast=0" x0"	Step=0" Cad=3840s 3840s/pixel
				Associated	Qual= 1	Event # = 20996		FePeak.c/s=7	#Peaks=1 XEN=31209
BCS	08:29	08:30	08:31	CaPeak.c/s=22	Qual= 1	FePeak=08:29		Rast=0" x0"	Step=0" Cad=3840s 3840s/pixel
FCS		08:30		Peak3...c/s=10		Event # = 20996		FePeak.c/s=7	#Peaks=1 XEN=31209

Event # = 20463									
80/11/07, 12:22	Start	DOY=312		SMM Pointing:	S14E56		Pitch=+267", Yaw=+779", Roll=0deg		H. Ang=58deg
GOES 12:20	Peak	12:22	End times	Importance=C4	Qual=05				
HXIS 12:22		12:22		Peak...c/s=189					
UVSP 12:23				Wavelength=1347A	Code=02	Exp #=15642	Rast=10"x10"	Step=0"	Pitch=+230", Yaw=+751"
Event # = 1574									
80/11/07, 13:04	Start	DOY=312		SMM Pointing:	S14E56		Pitch=+267", Yaw=+779", Roll=0deg		H. Ang=58deg
Optical			End times	Ha...Class=1B					
GOES 12:50	Peak	13:04	13:28	Importance=M2	Qual=04	AR2776	Mac.=FKC	Carr. Lon.=164deg	H. Ang=13deg
HXRBS 12:59:55		13:01:55	13:11:45	Peak...c/s=953	Qual=02	Tot Cts=1.61E+5	MaxkeV=57	Flags=SA	
HXIS 13:17		13:17		Peak...c/s=160					
UVSP 12:47				Wavelength=1354A	Code=00	Exp #=15646	Rast=180"x180"	Step=10"	Pitch=+219", Yaw=+736"
Radio				Frequency (MHz)/Flux(sfu):	1415/12 2695/14	4995/40 8800/50 15400/67			
HXRBS 13:15:30		13:16:35	13:18:20	Peak...c/s=89	Qual=01	Associated Event # = 1575	MaxkeV=57		
Event # = 1576									
80/11/07, 14:10	Start	DOY=312		SMM Pointing:	S14E55		Pitch=+269", Yaw=+767", Roll=0deg		H. Ang=57deg
GOES 14:08	Peak	14:10	End times	Importance=C5	Qual=01				
HXRBS 14:08:50		14:10:30	14:12:45	Peak...c/s=178	Qual=03	Tot Cts=3995	MaxkeV=57	Flags=M, ES	
HXIS 14:09		14:09		Peak...c/s=349					
UVSP 14:09				Wavelength=1354A	Code=00	Exp #=15652	Rast=30"x30"	Step=10"	Pitch=+222", Yaw=+777"
Event # = 1577									
80/11/07, 14:41	Start	DOY=312		SMM Pointing:	S14E55		Pitch=+269", Yaw=+767", Roll=0deg		H. Ang=57deg
Optical			End times	Ha...Class=SB					
GOES 14:30	Peak	14:41	15:15	Importance=M4	Qual=01	AR2779	Mac.=FKC	Carr. Lon.=95deg	H. Ang=57deg
HXRBS 14:39:20		14:40:00	14:48:05	Peak...c/s=1267	Qual=02	AR2776		Carr. Lon.=167deg	H. Ang=18deg
BCS 14:39		14:41	14:45	CaPeak.c/s=500		Tot Cts=1.03E+5	MaxkeV=132	Flags=SA	
FCS 14:42		14:42		Peak3...c/s=1080			Rast=120"x120"	Step=15"	Cad=66.0s
HXIS 14:40		14:40		Peak...c/s=629					
UVSP 14:38				Wavelength=1354A	Code=00	Exp #=15654	Rast=30"x30"	Step=10"	Pitch=+190", Yaw=+801"
Radio				Frequency (MHz)/Flux(sfu):	606/160 4995/47 8800/49 15400/90				
HXRBS 14:54:25		14:55:05	14:56:45	Peak...c/s=89	Qual=01	Associated Event # = 1578	MaxkeV=57		
UVSP 14:49				Wavelength=1354A		Exp #=15655	Rast=180"x180"	Step=10"	Pitch=+190", Yaw=+725"
Event # = 1579									
80/11/07, 15:39	Start	DOY=312		SMM Pointing:	S14E53		Pitch=+271", Yaw=+753", Roll=0deg		H. Ang=56deg
Optical			End times	Ha...Class=SB					
GOES 15:35	Peak	15:39	15:42	Importance=C7	Qual=01	AR2779	Mac.=FKC	Carr. Lon.=95deg	H. Ang=57deg
HXRBS 15:36:05		15:36:50	15:40:20	Peak...c/s=654	Qual=01	Tot Cts=12750	MaxkeV=132		
BCS 15:34		15:37	15:44	CaPeak.c/s=359	Qual=1	FePeak=15:37	FePeak.c/s=94	#Peaks=3	dt= 0.6s
FCS 15:38		15:38		Peak3...c/s=794			Rast=240"x240"	Step=15"	Cad= 262s
HXIS 15:37		15:37		Peak...c/s=587					XEN=31217
UVSP 15:37				Wavelength=1354A	Code=00	Exp #=15660	Rast=180"x180"	Step=10"	Pitch=+230", Yaw=+721"
Radio				Frequency (MHz)/Flux(sfu):	245/320 410/70 606/2000 1415/36 2695/77 4995/70 8800/39 15400/19				

Event # = 20965 80/11/07, 15:46 Start	DOY=312 Peak	End times	SMM Pointing:	S14E53	Pitch=+271", Yaw=+753", Roll=0deg	H. Ang=56deg
GOES 15:46	15:46	15:49	CaPeak.c/s=26	Qual=00	FePeak.c/s=6 #Peaks=1	XEN=31220
BCS 15:46	15:46		Peak3..c/s=104	Qual=1	Rast=180"x180" Step=15" Cad= 147s 1.024s/pixel	
FCS 15:39			Wave length=1354A		Rast=30"x30" Step=10" Pitch=+223", Yaw=+769"	
UVSP 15:39					Exp #=15661	
Event # = 20966 80/11/07, 15:52 Start	DOY=312 Peak	End times	SMM Pointing:	S14E53	Pitch=+271", Yaw=+753", Roll=0deg	H. Ang=56deg
GOES 15:52	15:52	15:52	CaPeak.c/s=25	Qual=00	FePeak.c/s=5 #Peaks=1	XEN=31223
BCS 15:50			Wave length=1354A	Qual=1	Rast=180"x180" Step=10" Pitch=+223", Yaw=+720"	
UVSP 15:50					Exp #=15662	
Event # = 20466 80/11/07, 16:18 Start	DOY=312 Peak	End times	SMM Pointing:	S14E53	Pitch=+271", Yaw=+753", Roll=0deg	H. Ang=56deg
Optical 16:16	16:18	16:20	Ha...Class=SF	N10W14	Mac.=FKC Carr.Lon.=164deg	H. Ang=15deg
GOES 16:18	16:20	16:23	Importance=C3	Qual=01	FePeak.c/s=11 #Peaks=1 dt= 1.3s XEN=31224	
BCS 16:21	16:21		CaPeak.c/s=40	Qual=1	Rast=240"x240" Step=15" Cad= 262s 1.024s/pixel	
FCS 16:18			Peak3..c/s=108		Rast=180"x180" Step=10" Pitch=+223", Yaw=+720"	
HXIS 15:50			Peak...c/s=76		Exp #=15662	
UVSP 15:50			Wave length=1354A	Code=00		
Event # = 20967 80/11/07, 16:24 Start	DOY=312 Peak	End times	SMM Pointing:	S14E53	Pitch=+271", Yaw=+753", Roll=0deg	H. Ang=56deg
GOES 16:24	16:24	16:24	CaPeak.c/s=21	Qual=00	FePeak.c/s=7 #Peaks=1	XEN=31226
BCS 16:24	16:24		Wave length=1354A	Qual=1	Rast=180"x180" Step=10" Pitch=+223", Yaw=+720"	
UVSP 15:50					Exp #=15662	
Event # = 20968 80/11/07, 16:26 Start	DOY=312 Peak	End times	SMM Pointing:	S14E53	Pitch=+271", Yaw=+753", Roll=0deg	H. Ang=56deg
GOES 16:26	16:26	16:26	CaPeak.c/s=27	Qual=00	FePeak.c/s=6 #Peaks=1	XEN=31227
BCS 16:26	16:26		Wave length=1354A	Qual=1	Rast=180"x180" Step=10" Pitch=+223", Yaw=+720"	
UVSP 15:50					Exp #=15662	
Event # = 20969 80/11/07, 16:28 Start	DOY=312 Peak	End times	SMM Pointing:	S14E53	Pitch=+271", Yaw=+753", Roll=0deg	H. Ang=56deg
GOES 16:28	16:28	16:28	CaPeak.c/s=20	Qual=00	FePeak.c/s=10 #Peaks=1	XEN=31228
BCS 16:28	16:28		Wave length=1354A	Qual=1	Rast=180"x180" Step=10" Pitch=+223", Yaw=+720"	
UVSP 15:50					Exp #=15662	
Event # = 20970 80/11/07, 16:30 Start	DOY=312 Peak	End times	SMM Pointing:	S14E53	Pitch=+271", Yaw=+753", Roll=0deg	H. Ang=56deg
GOES 16:30	16:30	16:31	CaPeak.c/s=20	Qual=00	FePeak.c/s=8 #Peaks=1	XEN=31229
BCS 16:30	16:30		Wave length=1354A	Qual=1	Rast=180"x180" Step=10" Pitch=+223", Yaw=+720"	
UVSP 15:50					Exp #=15662	

Event # = 20971									
80/11/07, 16:33	DOY=312	Start	End times	SMM Pointing:	S14E53		Pitch=+271", Yaw=+753", Roll=0deg	H. Ang=56deg	
GOES	16:32	16:33	16:33	CaPeak.c/s=24	Qual=00				
BCS	15:50			Wave length=1354A	Qual=1				
UVSP									
Event # = 1580									
80/11/07, 17:13	DOY=312	Start	End times	SMM Pointing:	S14E52		Pitch=+269", Yaw=+746", Roll=0deg	H. Ang=55deg	
Optical				Ha...Class=SF	S11W15				
Optical				Ha...Class=SM	S10E50	AR2777	Mac.=DSI	Carr.Lon.=165deg	H. Ang=21deg
GOES	17:09	17:13	17:19	Importance=C3	Qual=01	AR2779		Carr.Lon.=100deg	H. Ang=52deg
HXRBS	17:13:00	17:13:15	17:13:40	Peak...c/s=113	Qual=01	Tot Cts=720	MaxkeV=57		
BCS	17:14	17:14	17:16	CaPeak.c/s=27	Qual=1	FePeak=17:14	FePeak.c/s=8	#Peaks=1	XEN=31232
UVSP	17:12			Wave length=1354A	Code=00	Exp #=15666	Rast=180"x180"	Step=10"	Pitch=+231", Yaw=+712"
				Associated		Event # = 20972			
BCS	17:11	17:11	17:11	CaPeak.c/s=26	Qual=1	FePeak=17:11	FePeak.c/s=5	#Peaks=1	XEN=31231
UVSP	17:10			Wave length=1347A		Exp #=15663	Rast=10"x10"	Step=0"	Pitch=+223", Yaw=+712"
Event # = 1581									
80/11/07, 17:39	DOY=312	Start	End times	SMM Pointing:	S14E52		Pitch=+269", Yaw=+746", Roll=0deg	H. Ang=55deg	
Optical				Ha...Class=2B	N08W18				
GOES	17:20	17:39	17:50	Importance=M8	Qual=03	AR2776	Mac.=FKC	Carr.Lon.=167deg	H. Ang=18deg
HXRBS	17:26:10	17:33:20	18:04:10	Peak...c/s=6859	Qual=11	Tot Cts=1.70E+6	MaxkeV=272	Flags=M,DG	
BCS	17:35	17:35	17:35	CaPeak.c/s=20	Qual=1	FePeak=17:35	FePeak.c/s=6	#Peaks=1	XEN=31243
UVSP	17:12			Wave length=1354A	Code=00	Exp #=15666	Rast=180"x180"	Step=10"	Pitch=+231", Yaw=+712"
Radio	Frequency (MHz)/Flux(sfu)	245/140	2695/110	8800/290	15400/200				
				Associated		Event # = 20973			
BCS	17:20	17:22	17:22	CaPeak.c/s=23	Qual=1	FePeak=17:22	FePeak.c/s=9	#Peaks=1	XEN=31260
				Associated		Event # = 20974			
BCS	17:24	17:25	17:29	CaPeak.c/s=24	Qual=1	FePeak=17:25	FePeak.c/s=10	#Peaks=1	XEN=31261
				Associated		Event # = 20975			
BCS	17:31	17:31	17:31	CaPeak.c/s=20	Qual=1	FePeak=17:31	FePeak.c/s=9	#Peaks=1	XEN=31241
				Associated		Event # = 20976			
BCS	17:33	17:33	17:33	CaPeak.c/s=20	Qual=1	FePeak=17:33	FePeak.c/s=10	#Peaks=1	XEN=31242
Event # = 20977									
80/11/07, 17:53	DOY=312	Start	End times	SMM Pointing:	S14E52		Pitch=+269", Yaw=+746", Roll=0deg	H. Ang=55deg	
GOES				CaPeak.c/s=30	Qual=00				
BCS	17:52	17:53	17:55	Wave length=1354A	Qual=1	FePeak=17:53	FePeak.c/s=7	#Peaks=1	XEN=31262
UVSP	17:12					Exp #=15666	Rast=180"x180"	Step=10"	Pitch=+231", Yaw=+712"
Event # = 20978									
80/11/07, 17:56	DOY=312	Start	End times	SMM Pointing:	S14E52		Pitch=+269", Yaw=+746", Roll=0deg	H. Ang=55deg	
GOES				CaPeak.c/s=26	Qual=00				
BCS	17:56	17:56	17:57	Wave length=1354A	Qual=1	FePeak=17:56	FePeak.c/s=9	#Peaks=1	XEN=31247
UVSP	17:12					Exp #=15666	Rast=180"x180"	Step=10"	Pitch=+231", Yaw=+712"

Event # = 20467 80/11/07 17:59 Optical GOES 17:56 BCS 17:59 HXIS 18:01 UVSP 17:12	Start Peak	DOY=312	End times	SMM Pointing: Ha...Class=SF	S14E52 N04W25 Qual=00	AR2775	Pitch=+269", Yaw=+746", Roll=0deg Mac.=HSX Carr. Lon.=174deg	H.Ang=55deg H.Ang=25deg
GOES 17:56 BCS 17:59 HXIS 18:01 UVSP 17:12	Start Peak	DOY=312	End times	CaPeak.c/s=50 Peak...c/s=64 Wavelength=1354A	Exp #=15666		Rast=180"x180" Step=10" Pitch=+231", Yaw=+712"	
Event # = 1582 80/11/07 18:50 GOES 18:49:30 HXRBS 18:50 BCS 18:50 FCS 18:50 UVSP 18:47	Start Peak	DOY=312	End times	SMM Pointing: Peak...c/s=71 CaPeak.c/s=21 Peak3...c/s=21 Wavelength=1546A	S14E51 Qual=00 Qual=01 Qual=1	FePeak=18:50 Exp #=15669	Pitch=+274", Yaw=+735", Roll=0deg	H.Ang=54deg
GOES 18:49:30 HXRBS 18:50 BCS 18:50 FCS 18:50 UVSP 18:47	Start Peak	DOY=312	End times	MaxkeV=57 FePeak.c/s=9 Rast=240"x240" Rast=3"x3"	#Peaks=1 Step=15" Step=0"	XEN=31251 Cad= 262s Pitch=+232", Yaw=+704"		
Event # = 1583 80/11/07 18:57 GOES 18:57:00 HXRBS 18:57 UVSP 18:52	Start Peak	DOY=312	End times	SMM Pointing: Peak...c/s=62 Wavelength=1550A	S14E51 Qual=00 Qual=01	Exp #=15670	Pitch=+274", Yaw=+735", Roll=0deg	H.Ang=54deg
GOES 18:57:00 HXRBS 18:57 UVSP 18:52	Start Peak	DOY=312	End times	MaxkeV=57 Rast=240"x240"	Step=3"	Pitch=+214", Yaw=+670"		
Event # = 20979 80/11/07 19:44 GOES 19:30 BCS 19:29 UVSP 19:06	Start Peak	DOY=312	End times	SMM Pointing: Importance=C4 CaPeak.c/s=20 Wavelength=1550A	S14E51 Qual=03 Qual=2 Code=00	FePeak=19:40 Exp #=15672	Pitch=+274", Yaw=+735", Roll=0deg	H.Ang=54deg
GOES 19:30 BCS 19:29 UVSP 19:06	Start Peak	DOY=312	End times	FePeak.c/s=5 Rast=30"x30"	#Peaks=2 Step=3"	XEN=31253 Pitch=+179", Yaw=+772"		
Event # = 1584 80/11/07 20:33 Optical GOES 20:29 HXRBS 20:32:45 UVSP 20:31	Start Peak	DOY=312	End times	SMM Pointing: Ha...Class=SN Importance=C4 Peak...c/s=80 Wavelength=1353A	S14E50 N08W19 Qual=01 Qual=01 Code=00	AR2776 Exp #=15678	Pitch=+274", Yaw=+726", Roll=0deg Mac.=FKC MaxkeV=57 Rast=4"x4"	H.Ang=53deg H.Ang=19deg Pitch=+197", Yaw=+775"
GOES 20:29 HXRBS 20:32:45 UVSP 20:31	Start Peak	DOY=312	End times	MaxkeV=57 Rast=4"x4"	Step=0"			
Event # = 6831 80/11/07 20:57 GOES 20:53:34 HXRBS 20:57 UVSP 20:31	Start Peak	DOY=312	End times	SMM Pointing: Peak...c/s=62 Wavelength=1353A	S14E50 Qual=06 Qual=01	Tot Cts=7150 Exp #=15678	Pitch=+274", Yaw=+726", Roll=0deg MaxkeV=57 Rast=4"x4"	H.Ang=53deg Pitch=+197", Yaw=+775"
GOES 20:53:34 HXRBS 20:57 UVSP 20:31	Start Peak	DOY=312	End times	MaxkeV=57 Rast=4"x4"	Step=0"			
Event # = 20468 80/11/07 21:14 GOES 21:00 BCS 20:22 FCS 20:22 HXIS 21:17 UVSP 20:31	Start Peak	DOY=312	End times	SMM Pointing: Importance=C9 CaPeak.c/s=392 Peak3...c/s=253 Peak...c/s=700 Wavelength=1353A	S14E50 Qual=03 Qual=1	FePeak=21:11 Exp #=15678	Pitch=+274", Yaw=+726", Roll=0deg	H.Ang=53deg
GOES 21:00 BCS 20:22 FCS 20:22 HXIS 21:17 UVSP 20:31	Start Peak	DOY=312	End times	FePeak.c/s=58 Rast=180"x180"	#Peaks=2 Step=15"	dt= 6.3s Cad= 147s Pitch=+197", Yaw=+775"		XEN=31248 1.024s/pixel

Event # = 6828	DOY=312	SMM Pointing:	End times	S12E50	Pitch=+240", Yaw=+724", Roll=0deg	H. Ang=52deg
80/11/07, 22:00 Start	Peak					
GOES 21:57:33	22:00:30	22:39:36	Qual=06			
HXRBS 21:58		Peak...c/s=90	Qual=02			
UVSP		Wave length=1348A				
Tot Cts=29171						
Exp #=15679						
MaxkeV=57						
Rast=4"x4"						
Flags=I, SN						
Step=0"						
Pitch=+164", Yaw=+772"						
Event # = 6829	DOY=312	SMM Pointing:	End times	S12E50	Pitch=+240", Yaw=+724", Roll=0deg	H. Ang=52deg
80/11/07, 22:19 Start	Peak					
GOES 22:19:14	22:19:30	22:19:46	Qual=06			
HXRBS 22:14		Peak...c/s=252	Qual=01			
UVSP		Wave length=1353A				
Tot Cts=1611						
Exp #=15683						
MaxkeV=81						
Rast=4"x4"						
Flags=I						
Step=0"						
Pitch=+228", Yaw=+725"						
Event # = 1586	DOY=312	SMM Pointing:	End times	S12E50	Pitch=+240", Yaw=+724", Roll=0deg	H. Ang=52deg
80/11/07, 22:32 Start	Peak					
Optical		Ha...Class=SF				
Optical		Ha...Class=SB				
GOES 22:25	22:32	22:40	Qual=03			
HXRBS 22:26:00	22:27:25	22:34:10	Qual=01			
BCS 22:31		Peak...c/s=78				
FCS 22:31		CaPeak.c/s=700				
HXIS 22:33		Peak3...c/s=1170				
UVSP 22:14		Peak...c/s=363				
		Wave length=1353A				
Exp #=15683		Associated				
Event # = 1585		Qual=01				
MaxkeV=57						
Rast=4"x4"						
Step=0"						
Pitch=+228", Yaw=+725"						
Event # = 20980	DOY=312	SMM Pointing:	End times	S12E50	Pitch=+240", Yaw=+724", Roll=0deg	H. Ang=52deg
80/11/07, 23:34 Start	Peak					
GOES 23:33	23:34	00:31	Qual=00			
BCS 23:36		CaPeak.c/s=227	Qual= 5			
FCS 23:33		Peak3...c/s=326				
UVSP 23:33		Wave length=1347A				
FePeak=23.34						
Exp #=15684						
MaxkeV=57						
Rast=4"x4"						
Step=0"						
Pitch=+228", Yaw=+725"						
Event # = 1587	DOY=313	SMM Pointing:	End times	S12E48	Pitch=+244", Yaw=+703", Roll=0deg	H. Ang=50deg
80/11/08, 01:22 Start	Peak					
Optical		Ha...Class=SB				
GOES 01:16	01:22	01:30	Qual=01			
HXRBS 01:18:15	01:19:25	01:23:15	Qual=01			
BCS 01:09	01:23	01:38	Qual= 1			
FCS 01:33		CaPeak.c/s=115				
HXIS 01:21		Peak3...c/s=253				
UVSP 01:11		Peak...c/s=164				
Radio		Wave length=1354A				
Frequency(MHz)/Flux(sfu):		4995/120 8800/210 15400/130				
Exp #=15693						
MaxkeV=132						
Rast=120"x120"						
Flags=M						
Step=15"						
Pitch=+217", Yaw=+637"						

[illegible]

Event # =	Doy=	Start	End times	SMM Pointing:	S12E43	Pitch=	Yaw=	H.Ang=
80/11/08, 09:45	DOY=313	Peak	End times	SMM Pointing:	S12E43	Pitch=+245"	Yaw=+653"	H.Ang=46deg
G0ES	09:45	09:45	09:45	CaPeak.c/s=19 Wavelength=1354A	Qual=00 Qual= 1	FePeak=09:45 Exp #=15719	#Peaks=1 Step=10"	XEN=31336 Pitch=+195", Yaw=+619"
B0CS	09:45	09:45	09:45					
UVSP	09:29							
80/11/08, 10:02	DOY=313	Peak	End times	SMM Pointing:	S12E43	Pitch=+245"	Yaw=+653"	H.Ang=46deg
HXRBS	10:00-26	10:01:00	10:01:21	Peak...c/s=68	Qual=01	Tot Cts=694	MaxkeV=57	XEN=31337
B0CS	10:02	10:02	10:02	CaPeak.c/s=22 Wavelength=1354A	Qual= 1	FePeak=10:02 Exp #=15719	#Peaks=1 Step=10"	Pitch=+195", Yaw=+619"
UVSP	09:29							
80/11/08, 11:26	DOY=313	Peak	End times	SMM Pointing:	S12E43	Pitch=+245"	Yaw=+653"	H.Ang=46deg
Optical								
G0ES	11:00	11:26	11:34	Ha...Class=SB Importance=C6	S15E43 Qual=01	AR2779	Mac.=FKC	H.Ang=46deg
HXRBS	11:23-30	11:25:10	11:25:50	Peak...c/s=1283	Qual=01	Tot Cts=10080	MaxkeV=132	XEN=31339
B0CS	11:24	11:26	11:29	CaPeak.c/s=138	Qual= 1	FePeak=11:26	#Peaks=1 dt= 0.6s	XEN=31339
FCS	11:27	11:27		Peak3..c/s=447		Rast=120"x120"	Step=15"	Cad=65.5s 1.024s/pixel
HXIS	11:25	11:25		Peak...c/s=344		Rast=30"x30"	Step=10"	Pitch=+198", Yaw=+682"
UVSP	11:22			Wavelength=1354A Code=00		Exp #=15724		
Radio				8800/38		Event # = 1590		
HXRBS	11:21:20	11:21:40	11:22:00	Peak...c/s=302	Associated Qual=01	Tot Cts=2480	MaxkeV=132	XEN=31338
B0CS	11:21	11:23	11:23	CaPeak.c/s=36	Qual= 1	FePeak=11:23	#Peaks=1 dt= 1.3s	XEN=31338
FCS	11:22	11:22		Peak3..c/s=160		Rast=120"x120"	Step=15"	Cad=65.5s 1.024s/pixel
B0CS	11:32	11:32	11:34	CaPeak.c/s=19	Associated Qual= 1	Event # = 20997	FePeak.c/s=6	XEN=31342
UVSP	11:31			Wavelength=1354A		FePeak=11:32 Exp #=15725	Rast=180"x180"	Pitch=+198", Yaw=+606"
80/11/08, 11:39	DOY=313	Peak	End times	SMM Pointing:	S12E43	Pitch=+246"	Yaw=+643"	H.Ang=45deg
G0ES	11:37	11:39	11:42	CaPeak.c/s=48	Qual=00 Qual= 1	FePeak=11:39	#Peaks=1 dt= 1.3s	XEN=31344
B0CS	11:39	11:39	11:42	Peak3..c/s=106		Exp #=15725	Step=15"	Cad= 262s 1.024s/pixel
FCS	11:31			Wavelength=1354A			Step=10"	Pitch=+198", Yaw=+606"
UVSP	11:31							
80/11/08, 12:28	DOY=313	Peak	End times	SMM Pointing:	S12E43	Pitch=+246"	Yaw=+643"	H.Ang=45deg
Optical								
Optical								
G0ES	12:25	12:28	12:35	Ha...Class=SN	S10E37	AR2779	Mac.=FKC	H.Ang=39deg
B0CS	12:19	12:26	13:17	Ha...Class=SB	N12W24	AR2776	Carr.Lon.=102deg	H.Ang=25deg
FCS	12:20	12:20		Importance=C5	Qual=02	FePeak=12:26	#Peaks=1 dt= 0.6s	XEN=31376
HXIS	12:26	12:26		CaPeak.c/s=130	Qual= 2	Rast=180"x180"	Step=15"	Cad= 147s 1.024s/pixel
UVSP	12:21			Peak3..c/s=187		Exp #=15729	Step=10"	Pitch=+221", Yaw=+600"
				Peak...c/s=173				
				Wavelength=1354A				

Event # = 20470									
80/11/08, 13:36	DOY=313	Peak	End times	SMM Pointing:	S12E42		Pitch=+246", Yaw=+633", Roll=0deg	H. Ang=44deg	
Optical				Ha...Class=2B	N08W28				
GOES 13:31	13:36	14:31		Importance=X3	Qual=05	AR2776	Mac.=FKC	Carr. Lon.=167deg	H. Ang=28deg
BCS 13:55	14:05	14:08		CaPeak.c/s=163	Qual=3	FePeak=14:05	FePeak.c/s=13	#Peaks=1	dt=1.3s
FCS 14:01	14:01			Peak3...c/s=207			Rast=115"x115"	Step=5"	Cad=542s
HXIS 14:03	14:03			Peak...c/s=263					XEN=31300
UVSP 13:56				WaveLength=1347A		Exp #=15731	Rast=10"x10"	Step=0"	Pitch=+222", Yaw=+589"
Radio	Frequency(MHz)/Flux(sfu):	245/270	606/1200	1415/97	2695/2200	4995/1800	8800/9200	15400/8600	
Event # = 1592									
80/11/08, 14:40	DOY=313	Peak	End times	SMM Pointing:	S12E41		Pitch=+249", Yaw=+622", Roll=0deg	H. Ang=44deg	
Optical				Ha...Class=SN	S10E37				
GOES 14:38	14:40	14:42		Importance=C3	Qual=01	AR2779		Carr. Lon.=101deg	H. Ang=39deg
HXRBS 14:38:40	14:40:20	14:41:40		Peak...c/s=103	Qual=01				
BCS 14:34	14:41	14:43		CaPeak.c/s=50	Qual=5	Tot Cts=540	MaxkeV=57	#Peaks=1	dt=1.3s
FCS 14:40	14:40			Peak3...c/s=54		FePeak=14:41	Rast=115"x115"	Step=5"	Cad=542s
UVSP 14:22				WaveLength=1354A	Code=00	Exp #=15736	Rast=180"x180"	Step=10"	Pitch=+222", Yaw=+586"
Event # = 20999									
80/11/08, 14:45	DOY=313	Peak	End times	SMM Pointing:	S12E41		Pitch=+249", Yaw=+622", Roll=0deg	H. Ang=44deg	
GOES 14:45	14:45	14:46		CaPeak.c/s=20	Qual=00	FePeak=14:45	FePeak.c/s=6	#Peaks=1	XEN=31391
BCS 14:45	14:45			WaveLength=1354A		Exp #=15736	Rast=180"x180"	Step=10"	Pitch=+222", Yaw=+586"
UVSP 14:22									
Event # = 1593									
80/11/08, 14:54	DOY=313	Peak	End times	SMM Pointing:	S12E41		Pitch=+249", Yaw=+622", Roll=0deg	H. Ang=44deg	
Optical				Ha...Class=1B	S09E37				
GOES 14:48	14:54	14:55		Importance=M2	Qual=02	AR2779	Mac.=FKC	Carr. Lon.=101deg	H. Ang=39deg
HXRBS 14:47:55	14:52:15	14:53:55		Peak...c/s=2460	Qual=03		MaxkeV=272	Flags=M,ES	
GRS 14:52:13	14:53:02	14:53:02		Max.E..MeV=0.6		Tot Cts=78840	>10MeV=N		Dur=49sec
BCS 14:48	14:53	14:53		CaPeak.c/s=523	Qual=2	Nuclear.Line=N	FePeak.c/s=247	#Peaks=1	dt=1.3s
FCS 14:52	14:52			Peak3...c/s=85		FePeak=14:53	Rast=115"x115"	Step=5"	Cad=542s
HXIS 14:51	14:51			Peak...c/s=1231					XEN=31392
UVSP 14:51				WaveLength=1354A	Code=00	Exp #=15737	Rast=30"x30"	Step=10"	Pitch=+251", Yaw=+651"
Radio	Frequency(MHz)/Flux(sfu):	245/150	410/110	606/2500	1415/110	2695/1100	4995/250	8800/210	15400/210
Event # = 1594									
80/11/08, 15:37	DOY=313	Peak	End times	SMM Pointing:	S12E40		Pitch=+248", Yaw=+613", Roll=0deg	H. Ang=43deg	
Optical				Ha...Class=3F	S09E36				
GOES 15:35	15:37	15:38		Importance=C3	Qual=01	AR2779	Mac.=FKC	Carr. Lon.=101deg	H. Ang=38deg
HXRBS 15:36:30	15:37:00	15:37:45		Peak...c/s=73	Qual=01		MaxkeV=57		
UVSP 15:34				WaveLength=1354A	Code=00	Exp #=15741	Rast=180"x180"	Step=10"	Pitch=+223", Yaw=+578"

Event # =	SMM Pointing:	S12E40	Pitch=+248", Yaw=+613", Roll=0deg	H. Ang=43deg
80/11/08, 15:41 Start	D0Y=313 Peak	End times		
G0ES 15:40	Importance=C3	Qual=01		
15:41	Peak...c/s=132	Qual=01		
15:40:45	CaPeak.c/s=25	Qual=1		XEN=31398
15:39	Wavelength=1354A	Code=00	Rast=180"x180"	Pitch=+223", Yaw=+578"
15:34	Associated	Event # = 21000		
- - - - -	Qual=1	FePeak=15:46	#Peaks=1	XEN=31350
B0CS 15:46	CaPeak.c/s=20	Event # = 21001		
- - - - -	Associated	FePeak=15:49	#Peaks=1	XEN=31351
B0CS 15:49	CaPeak.c/s=18	Qual=1		
Event # = 1596	SMM Pointing:	S12E40	Pitch=+248", Yaw=+613", Roll=0deg	H. Ang=43deg
80/11/08, 16:19 Start	D0Y=313 Peak	End times		
Optical	Ha...Class=SN	S08E42		
Optical	Ha...Class=SF	N05W34		
G0ES 16:14	Importance=C4	Qual=01		
16:17:25	Peak...c/s=125	Qual=01		
HXRBS 16:17	CaPeak.c/s=168	Qual=1		XEN=31352
B0CS 16:19	Peak3..c/s=337		dt= 0.6s	
F0CS 16:20	Peak...c/s=261		Rast=120"x120"	Cad=65.5s
HXIS 16:18	Wave length=1354A	Code=02	Step=15"	1.024s/pixel
UVSP 16:19		Exp # = 15742	Step=10"	Pitch=+200", Yaw=+648"
Event # = 21004	SMM Pointing:	S12E39	Pitch=+248", Yaw=+602", Roll=0deg	H. Ang=42deg
80/11/08, 17:13 Start	D0Y=313 Peak	End times		
G0ES 17:08	Importance=C3	Qual=01		
17:13	CaPeak.c/s=23	Qual=1		XEN=31356
B0CS 17:14	Wavelength=1550A	Code=00	Rast=240"x240"	Pitch=+190", Yaw=+532"
UVSP 17:12	Associated	Event # = 21002		
- - - - -	Qual=1	FePeak=17:14	#Peaks=1	
17:09	CaPeak.c/s=20	Exp # = 15746	Step=3"	
17:07	Wave length=1546A	Event # = 21003		
- - - - -	Associated	FePeak=17:09	#Peaks=1	XEN=31354
B0CS 17:16	CaPeak.c/s=18	Exp # = 15745	Step=0"	Pitch=+200", Yaw=+567"
UVSP 17:16		Event # = 21003		
- - - - -	Qual=1	FePeak=17:16	#Peaks=1	XEN=31357
Event # = 21005	SMM Pointing:	S12E39	Pitch=+248", Yaw=+602", Roll=0deg	H. Ang=42deg
80/11/08, 17:18 Start	D0Y=313 Peak	End times		
G0ES 17:18	Importance=C3	Qual=00		
17:12	CaPeak.c/s=19	Qual=1		XEN=31358
UVSP 17:12	Wavelength=1550A		Rast=240"x240"	Pitch=+190", Yaw=+532"
Event # = 21006	SMM Pointing:	S12E39	Pitch=+248", Yaw=+602", Roll=0deg	H. Ang=42deg
80/11/08, 17:20 Start	D0Y=313 Peak	End times		
G0ES 17:20	Importance=C3	Qual=00		
17:20	CaPeak.c/s=20	Qual=1		XEN=31359
UVSP 17:19	Wavelength=3096A		Rast=240"x240"	Pitch=+190", Yaw=+532"
Event # = 21007	SMM Pointing:	S12E39	Pitch=+248", Yaw=+602", Roll=0deg	H. Ang=42deg
80/11/08, 17:22 Start	D0Y=313 Peak	End times		
G0ES 17:22	Importance=C3	Qual=00		
17:22	CaPeak.c/s=21	Qual=1		XEN=31360
UVSP 17:19	Wavelength=3096A		Rast=240"x240"	Pitch=+190", Yaw=+532"

Event # = 21008									
80/11/08, 17:25	DOY=313	Start	End times	SMM Pointing:	S12E39	Pitch=+248", Yaw=+602", Roll=0deg	H. Ang=42deg		
GOES 17:25	Peak	17:27		CaPeak.c/s=20	Qual=00				
BCS 17:19				Wave length=3096A	Qual=1				
UVSP						FePeak.c/s=9 #Peaks=1	XEN=31362		
						Rast=240"x240" Step=3" Pitch=+190", Yaw=+532"			
Event # = 1597									
80/11/08, 17:30	DOY=313	Start	End times	SMM Pointing:	S12E39	Pitch=+248", Yaw=+602", Roll=0deg	H. Ang=42deg		
Optical				Ha...Class=SF	S08E41	Mac.=FKC			
Optical				Ha...Class=SN	N12W31	Carr. Lon.=95deg	H. Ang=42deg		
GOES 17:26	17:30	18:12		Importance=C4	Qual=01	Carr. Lon.=167deg	H. Ang=32deg		
HXRBS 17:27:15	17:28:45	17:30:40		Peak...c/s=305	Qual=01	MaxkeV=132			
BCS 17:31	17:31	17:31		CaPeak.c/s=19	Qual=1	FePeak.c/s=7 #Peaks=1	XEN=31364		
UVSP 17:27				Wave length=1550A	Code=00	Rast=30"x30" Step=3" Pitch=+236", Yaw=+566"			
				Associated					
BCS 17:44	17:45	17:45		Event # = 21009					
				CaPeak.c/s=19	Qual=1	FePeak.c/s=3 #Peaks=1	XEN=31399		
BCS 17:47	17:47	17:47		Associated					
				Event # = 21010					
				CaPeak.c/s=20	Qual=1	FePeak.c/s=6 #Peaks=1	XEN=31367		
Event # = 21011									
80/11/08, 19:33	DOY=313	Start	End times	SMM Pointing:	S12E38	Pitch=+249", Yaw=+590", Roll=0deg	H. Ang=41deg		
Optical				Ha...Class=SF	S10E35	Mac.=FKC			
GOES 19:22	19:33	19:46		Importance=C3	Qual=03	Carr. Lon.=100deg	H. Ang=37deg		
BCS 19:32	19:34	19:35		CaPeak.c/s=18	Qual=1	FePeak.c/s=7 #Peaks=1	XEN=31302		
UVSP 18:49				Wave length=1549A	Code=00	Rast=30"x30" Step=3" Pitch=+237", Yaw=+565"			
Event # = 21012									
80/11/08, 20:08	DOY=313	Start	End times	SMM Pointing:	S12E38	Pitch=+249", Yaw=+590", Roll=0deg	H. Ang=41deg		
GOES 19:55	20:08	20:50		Importance=M1	Qual=05				
BCS 20:18	20:18	20:22		CaPeak.c/s=34	Qual=5	FePeak.c/s=9 #Peaks=1	XEN=31371		
FCS 20:19				Peak3...c/s=150		Rast=240"x240" Step=15" Cad= 262s 1.024s/pixel			
UVSP				Wave length=1348A		Rast=4"x4" Step=0" Pitch=+237", Yaw=+554"			
Event # = 1598									
80/11/08, 20:55	DOY=313	Start	End times	SMM Pointing:	S12E38	Pitch=+249", Yaw=+579", Roll=0deg	H. Ang=40deg		
Optical				Ha...Class=SB	N09W30	Mac.=EKC			
GOES 20:50	20:55	20:59		Importance=C4	Qual=01	Carr. Lon.=165deg	H. Ang=30deg		
HXRBS 20:51:00	20:52:30	20:56:10		Peak...c/s=124	Qual=01	MaxkeV=57			
UVSP 20:25				Wave length=1353A	Code=00	Rast=4"x4" Step=0" Pitch=+237", Yaw=+552"			
Event # = 1600									
80/11/08, 21:13	DOY=313	Start	End times	SMM Pointing:	S12E38	Pitch=+249", Yaw=+579", Roll=0deg	H. Ang=40deg		
Optical				Ha...Class=SB	N09W30	Mac.=EKC			
GOES 21:09	21:13	21:30		Importance=C4	Qual=03	Carr. Lon.=164deg	H. Ang=30deg		
HXRBS 21:16:15	21:16:45	21:17:10		Peak...c/s=379	Qual=03	MaxkeV=132			
UVSP 20:25				Wave length=1353A	Code=00	Rast=4"x4" Step=0" Pitch=+237", Yaw=+552"			
				Associated					
HXRBS 21:10:15	21:13:00	21:15:15		Event # = 1599					
				Peak...c/s=194	Qual=01	MaxkeV=57	Flags=M		
				Tot Cts=6000					

Event # = 21013		DOY=313		SMM Pointing:		S12E37		Pitch=+249", Yaw=+572", Roll=0deg		H. Ang=40deg	
80/11/08, 22:15	Start	22:15	Peak	End times	Importance=C2	Qual=01					
GOES	22:14	22:15		22:20	CaPeak.c/s=21	Qual=1					
BCS	22:15	22:15		22:15	Peak3..c/s=12						
FCS	22:15	22:15			Wavelength=1354A	Code=00					
UVSP	21:55										
Event # = 21014		DOY=313		SMM Pointing:		S12E37		Pitch=+249", Yaw=+572", Roll=0deg		H. Ang=40deg	
80/11/08, 22:29	Start	22:29	Peak	End times	Importance=C2	Qual=01					
GOES	22:20	22:29		22:32	CaPeak.c/s=27	Qual=1					
BCS	22:27	22:29		22:31	Peak3..c/s=40						
FCS	22:28	22:28			Wavelength=1354A	Code=00					
UVSP	21:55										
Event # = 1601		DOY=313		SMM Pointing:		S12E37		Pitch=+249", Yaw=+572", Roll=0deg		H. Ang=40deg	
80/11/08, 23:30	Start	23:30	Peak	End times	Ha...Class=SB	S10E33					
Optical	23:27	23:30		23:35	Importance=C3	Qual=01					
GOES	23:20	23:30-25		23:33:25	Peak...c/s=97	Qual=01					
HXRBS	23:30-20	23:31		23:34	CaPeak.c/s=36	Qual=1					
BCS	23:30	23:31			Peak3..c/s=131						
FCS	23:30	23:32			Wavelength=1347A	Code=02					
UVSP	23:30				8800/31						
Radio Frequency (MHz)/Flux (sfu):											
		80/11/09		DOY=314							
Event # = 21015		DOY=314		SMM Pointing:		S12E36		Pitch=+251", Yaw=+559", Roll=0deg		H. Ang=39deg	
80/11/09, 01:01	Start	01:01	Peak	End times	Ha...Class=SN	S11E32					
Optical	00:55	01:01		01:33	Importance=M1	Qual=05					
GOES	01:16	01:18		01:22	CaPeak.c/s=31	Qual=1					
BCS	01:16	01:19			Peak3..c/s=88						
FCS	01:06				Wavelength=1347A	Code=02					
UVSP	01:06										
Event # = 1602		DOY=314		SMM Pointing:		S12E35		Pitch=+251", Yaw=+546", Roll=0deg		H. Ang=38deg	
80/11/09, 01:36	Start	01:36	Peak	End times	Importance=C2	Qual=01					
GOES	01:33	01:36		01:40	Peak...c/s=100	Qual=01					
HXRBS	01:35:35	01:36:35		01:37:30	CaPeak.c/s=38	Qual=1					
BCS	01:36	01:37		01:38	Peak3..c/s=31						
FCS	01:36	01:36			Wavelength=1354A	Code=00					
UVSP	01:06										
Event # = 21016		DOY=314		SMM Pointing:		S12E35		Pitch=+251", Yaw=+546", Roll=0deg		H. Ang=38deg	
80/11/09, 02:09	Start	02:09	Peak	End times	Importance=C5	Qual=02					
GOES	02:00	02:09		02:13	CaPeak.c/s=30	Qual=2					
BCS	02:02	02:03		02:03	Peak3..c/s=22						
FCS	02:03	02:03			Wavelength=1347A						
UVSP	02:41										

Event # = 20471									
80/11/09, 02:39	Start	DOY=314	End times	SMM Pointing:	S12E35		Pitch=+251", Yaw=+546", Roll=0deg	H. Ang=38deg	
Optical		Peak							
GOES 02:34		02:39	02:43	Ha...Class=SB	S10E35		Mac.=FKC	Carr. Lon.=96deg	H. Ang=37deg
BCS 02:41		02:41	03:39	Importance=C6	Qual=05				
FCS		02:44		CaPeak.c/s=159	Qual=5		FePeak.c/s=29	#Peaks=2	XEN=31404
HXIS		02:40		Peak3...c/s=554			Rast=240"x240"	Step=15"	Cad=262s
UVSP		02:41		Peak...c/s=200			Rast=10"x10"	Step=0"	Pitch=+242", Yaw=+502"
				Wavelength=1347A	Code=02	Exp #=15770			
Event # = 20472									
80/11/09, 03:37	Start	DOY=314	End times	SMM Pointing:	S12E34		Pitch=+253", Yaw=+530", Roll=0deg	H. Ang=37deg	
Optical		Peak							
GOES 03:35		03:37	03:45	Ha...Class=1F	S10E33		Mac.=FKC	Carr. Lon.=98deg	H. Ang=36deg
HXIS		03:37		Importance=C3	Qual=03				
UVSP		03:23		Peak...c/s=146			Rast=120"x120"	Step=10"	Pitch=+207", Yaw=+522"
				Wavelength=1354A	Code=00	Exp #=15775			
Event # = 1603									
80/11/09, 04:29	Start	DOY=314	End times	SMM Pointing:	S12E33		Pitch=+253", Yaw=+519", Roll=0deg	H. Ang=37deg	
Optical		Peak							
GOES 04:26		04:29	04:38	Ha...Class=SB	S09E36		Mac.=FKC	Carr. Lon.=94deg	H. Ang=38deg
HXRBS 04:30:30		04:30:30	04:31:45	Importance=M1	Qual=05		MaxkeV=57	Flags=SA	
BCS 04:30		04:30	05:15	Peak...c/s=95	Qual=02		FePeak.c/s=67	#Peaks=2	XEN=31405
FCS		04:49		CaPeak.c/s=382	Qual=5		Rast=420"x420"	Step=10"	Cad=1806s
HXIS		04:30		Peak3...c/s=173					1.024s/pixel
UVSP		04:19		Peak...c/s=512			Rast=120"x120"	Step=10"	Pitch=+222", Yaw=+514"
Radio				Wavelength=1354A	Code=00	Exp #=15779			
				Frequency(MHz)/Flux(sfu):	2695/37	15400/59			
Event # = 1604									
80/11/09, 04:59	Start	DOY=314	End times	SMM Pointing:	S12E33		Pitch=+253", Yaw=+519", Roll=0deg	H. Ang=37deg	
GOES 04:55		04:59	05:05	Importance=C6	Qual=01				
HXRBS 04:59:00		04:59:15	05:00:00	Peak...c/s=100	Qual=01		MaxkeV=57		
UVSP 04:19				Wavelength=1354A	Code=01	Tot Cts=13187	Rast=120"x120"	Step=10"	Pitch=+222", Yaw=+514"
						Exp #=15779			
Event # = 21017									
80/11/09, 06:10	Start	DOY=314	End times	SMM Pointing:	S12E32		Pitch=+252", Yaw=+508", Roll=0deg	H. Ang=36deg	
GOES 06:06		06:10	06:30	Importance=C3	Qual=05				
BCS 06:12		06:15	06:25	CaPeak.c/s=29	Qual=5		FePeak.c/s=12	#Peaks=1	dt=6.3s
FCS		06:16		Peak3...c/s=70			Rast=240"x240"	Step=15"	Cad=262s
UVSP 05:54				Wavelength=1354A	Code=00	Exp #=15785	Rast=120"x120"	Step=10"	Pitch=+203", Yaw=+502"
						Event # = 21018			
BCS 06:26		06:26	06:26	CaPeak.c/s=19	Qual=1	FePeak=06:26	FePeak.c/s=5	#Peaks=1	XEN=31410
Event # = 1605									
80/11/09, 06:33	Start	DOY=314	End times	SMM Pointing:	S12E32		Pitch=+252", Yaw=+508", Roll=0deg	H. Ang=36deg	
GOES 06:32:35		06:33:00	06:33:25	Peak...c/s=67	Qual=00				
HXRBS 05:54				Wavelength=1354A	Qual=01		MaxkeV=57		
UVSP						Exp #=15785	Rast=120"x120"	Step=10"	Pitch=+203", Yaw=+502"

Event # = 21021									
80/11/09, 12:50	DOY=314	Peak	End times	SMM Pointing:	S12E29	Pitch=+255", Yaw=+458", Roll=0deg	H. Ang=33deg		
GOES 12:50	12:50		12:59	CaPeak.c/s=26	Qual=00	FePeak.c/s=6	#Peaks=1	XEN=31416	
BCS 12:53	12:53			Peak3...c/s=34	Qual= 5	Rast=0"x0"	Step=0"	Cad=1.54s	
FCS 12:40				Wavelength=1354A		Rast=180"x180"	Step=10"	Pitch=+230", Yaw=+418"	
UVSP 12:40					Exp #=15802				
Event # = 21022									
80/11/09, 13:02	DOY=314	Peak	End times	SMM Pointing:	S12E29	Pitch=+255", Yaw=+458", Roll=0deg	H. Ang=33deg		
GOES 13:02	13:02		13:02	CaPeak.c/s=22	Qual=00	FePeak.c/s=7	#Peaks=1	XEN=31421	
BCS 12:40	12:40			Wavelength=1354A	Qual= 1	Rast=180"x180"	Step=10"	Pitch=+230", Yaw=+418"	
UVSP 12:40					Exp #=15802				
Event # = 21023									
80/11/09, 13:05	DOY=314	Peak	End times	SMM Pointing:	S12E29	Pitch=+255", Yaw=+458", Roll=0deg	H. Ang=33deg		
GOES 13:05	13:05		13:06	CaPeak.c/s=18	Qual=00	FePeak.c/s=6	#Peaks=1	XEN=31422	
BCS 12:40	12:40			Wavelength=1354A	Qual= 1	Rast=180"x180"	Step=10"	Pitch=+230", Yaw=+418"	
UVSP 12:40					Exp #=15802				
Event # = 21024									
80/11/09, 13:11	DOY=314	Peak	End times	SMM Pointing:	S12E29	Pitch=+255", Yaw=+458", Roll=0deg	H. Ang=33deg		
GOES 13:08	13:11		13:16	Importance=C2	Qual=01	FePeak.c/s=5	#Peaks=1	XEN=31423	
BCS 13:11	13:11		13:11	CaPeak.c/s=19	Qual= 1	Rast=180"x180"	Step=10"	Pitch=+230", Yaw=+418"	
UVSP 12:40				Wavelength=1354A	Code=00				
Event # = 1610									
80/11/09, 14:03	DOY=314	Peak	End times	SMM Pointing:	S12E28	Pitch=+255", Yaw=+447", Roll=0deg	H. Ang=32deg		
GOES 14:00	14:03		14:15	Importance=C3	Qual=03	MaxkeV=57	Flags=EN		
HXRBS 14:03:30	14:03:55		14:04:30	Peak...c/s=80	Qual=03	Rast=180"x180"	Step=10"	Pitch=+230", Yaw=+409"	
UVSP 13:53				Wavelength=1354A	Code=00				
Event # = 1611									
80/11/09, 16:23	DOY=314	Peak	End times	SMM Pointing:	S12E27	Pitch=+255", Yaw=+434", Roll=0deg	H. Ang=31deg		
Optical 16:19	16:23		16:27	Ha...Class=SN	S14W44	Mac.=ESI	Carr. Lon.=168deg	H. Ang=47deg	
GOES 16:22:20	16:22:30		16:22:50	Importance=C3	Qual=03	MaxkeV=57			
HXRBS 16:22:20	16:22:30		16:22:50	Peak...c/s=78	Qual=01	Rast=180"x180"	Step=10"	Pitch=+231", Yaw=+384"	
UVSP 16:19				Wavelength=1354A	Code=00				
Event # = 1612									
80/11/09, 16:25	DOY=314	Peak	End times	SMM Pointing:	S12E27	Pitch=+255", Yaw=+434", Roll=0deg	H. Ang=31deg		
Optical 16:24:50	16:25:00		16:25:20	Ha...Class=SN	S14W44	Mac.=CAO	Carr. Lon.=168deg	H. Ang=47deg	
GOES 16:24:50	16:25:00		16:25:20	Peak...c/s=90	Qual=00	MaxkeV=57			
HXRBS 16:19				Wavelength=1354A	Qual=01	Rast=180"x180"	Step=10"	Pitch=+231", Yaw=+384"	
UVSP 16:19					Exp #=15812				

Event # = 8788 80/11/09 23:27 Start	DOY=314 Peak	SMM Pointing:	S12E23	Pitch=+257", Yaw=+369", Roll=0deg	H. Ang=28deg
Optical		Ha...Class=SN	N06W49	Mac. =EKC	H. Ang=49deg
G0ES 23:20	23:27	Importance=C3	AR2776	MaxkeV=57	
G0ES 23:27:44	23:27:57	Peak...c/s=65	Qual=01	Rast=3"x3"	Pitch=+252", Yaw=+237"
UVSP 23:25	23:28:23	Wavelength=1546A	Code=00	Flags=1	
			Exp #=15826	Step=0"	
Event # = 20474 80/11/10, 00:25 Start	DOY=315 Peak	SMM Pointing:	S12E23	Pitch=+257", Yaw=+369", Roll=0deg	H. Ang=28deg
Optical		Ha...Class=1F	AR2779	Mac. =FKC	H. Ang=26deg
G0ES 00:07	00:25	Importance=C3	S11E22	FePeak.c/s=9	XEN=31500
BCS 00:08	00:19	CaPeak.c/s=59	Qual=03	#Peaks=1	dt= 3.2s
HXIS 23:46	00:17	Peak...c/s=88	Qual= 2	Rast=30"x30"	Step=3"
UVSP		Wavelength=1549A	Code=00	Step=3"	Pitch=+213", Yaw=+277"
Radio	Frequency (MHz)/Flux(sfu):	245/140 2695/16 4995/16 8800/26	Exp #=15829		
Event # = 20475 80/11/10, 01:36 Start	DOY=315 Peak	SMM Pointing:	S12E22	Pitch=+258", Yaw=+354", Roll=0deg	H. Ang=27deg
G0ES 01:25	01:36	Importance=C3	Qual=01	FePeak.c/s=6	#Peaks=1
BCS 01:01	01:34	CaPeak.c/s=37	Qual= 1	Rast=180"x180"	dt= 6.3s
FCS 01:23	01:23	Peak3...c/s=77	FePeak=01:34	Step=15"	XEN=31558
HXIS 01:08	01:36	Peak...c/s=67	Exp #=15832	Cad= 147s	1.024s/pixel
UVSP		Wavelength=1549A	Code=00	Rast=30"x30"	Pitch=+276", Yaw=+292"
Radio	Sweeps	V/1			
Event # = 21030 80/11/10, 02:41 Start	DOY=315 Peak	SMM Pointing:	S12E21	Pitch=+258", Yaw=+341", Roll=0deg	H. Ang=26deg
G0ES 02:41	02:41	CaPeak.c/s=18	Qual=00	FePeak.c/s=12	#Peaks=1
BCS 02:41	02:41	Wavelength=1549A	Qual= 5	Rast=180"x180"	Step=3"
UVSP 02:39			FePeak=02:41	Step=3"	XEN=31508
			Exp #=15834		Pitch=+230", Yaw=+298"
Event # = 1624 80/11/10, 03:01 Start	DOY=315 Peak	SMM Pointing:	S12E21	Pitch=+258", Yaw=+341", Roll=0deg	H. Ang=26deg
Optical		Ha...Class=SB	AR2776	Mac. =DAC	H. Ang=46deg
G0ES 02:57	03:01	Importance=C7	N10W46	MaxkeV=132	Flags=M
HXRBS 02:58:45	02:59:15	Peak...c/s=1359	Qual=01	FePeak.c/s=9	#Peaks=1
BCS 03:00	03:08	CaPeak.c/s=28	Qual= 1	Rast=240"x240"	dt= 6.3s
FCS 03:14	03:14	Peak3...c/s=104	Tot Cts=41440	Step=15"	XEN=31559
UVSP 02:44	03:14	Wavelength=1549A	FePeak=03:07	Step=3"	Cad= 262s
Radio	Frequency (MHz)/Flux(sfu):	245/180 15400/57	Exp #=15835	Pitch=+237", Yaw=+335"	1.024s/pixel
Event # = 1625 80/11/10, 04:26 Start	DOY=315 Peak	SMM Pointing:	S12E20	Pitch=+258", Yaw=+328", Roll=0deg	H. Ang=25deg
G0ES 04:26:35	04:26:35	Peak...c/s=87	Qual=00	MaxkeV=57	Flags=SA
HXRBS 04:26:35	04:26:35	Wavelength=1549A	Qual=02	Rast=60"x3"	Step=0"
UVSP 04:24	04:24		Exp #=15839	Pitch=+257", Yaw=+343"	

Event # = 1626									
80/11/10, 04:40	DOY=315	End times	SMM Pointing:	S12E20	Pitch=+258", Yaw=+328", Roll=0deg	H. Ang=25deg			
GOES 04:38	Peak 04:40	04:43	Importance=C3	Qual=01					
HXRBS 04:38:20	04:40:00	04:41:30	Peak...c/s=73	Qual=01					
UVSP 04:30			Wave length=1549A	Code=00	MaxkeV=57				
					Rast=30"x30"	Step=3"	Pitch=+253", Yaw=+257"		
Event # = 1627									
80/11/10, 04:47	DOY=315	End times	SMM Pointing:	S12E20	Pitch=+258", Yaw=+328", Roll=0deg	H. Ang=25deg			
Optical									
GOES 04:46	04:47	04:51	Ha...Class=SF	S10W50	Mac.=CAO	Carr. Lon.=167deg	H. Ang=52deg		
HXRBS 04:47:05	04:47:35	04:48:25	Importance=C2	Qual=01					
UVSP 04:30			Peak...c/s=61	Qual=01	MaxkeV=57				
			Wave length=1549A	Code=00	Rast=30"x30"	Step=3"	Pitch=+253", Yaw=+257"		
Event # = 1628									
80/11/10, 08:14	DOY=315	End times	SMM Pointing:	S12E18	Pitch=+259", Yaw=+294", Roll=0deg	H. Ang=24deg			
Optical									
GOES 08:04	08:14	08:44	Ha...Class=1B	S12E14	Mac.=FKC	Carr. Lon.=101deg	H. Ang=21deg		
HXRBS 08:04:10	08:08:10	08:11:50	Importance=M1	Qual=03					
BCS 08:02	08:12	08:22	Peak...c/s=341	Qual=01	MaxkeV=132				
HXIS	08:12		CaPeak.c/s=633	Qual=1	FePeak.c/s=198	#Peaks=1	XEN=31525		
UVSP 07:58			Peak...c/s=1132						
Radio	Frequency (MHz)/Flux(sfu):		Wave length=1549A	Code=00	Rast=30"x30"	Step=3"	Pitch=+247", Yaw=+248"		
	410/37 1415/75 2695/88 4995/59 8800/55								
Event # = 20476									
80/11/10, 09:16	DOY=315	End times	SMM Pointing:	N03W00	Pitch=+0", Yaw=+0", Roll=0deg	H. Ang=0deg			
Optical									
GOES 09:05	09:16	09:30	Ha...Class=1B	S11E14	Mac.=FKC	Carr. Lon.=101deg	H. Ang=20deg		
BCS 09:27	09:37	09:58	Importance=M1	Qual=05					
FCS 09:31			CaPeak.c/s=450	Qual=5	FePeak.c/s=67	#Peaks=3	dt= 1.3s	XEN=31528	
HXIS 09:26			Peak3...c/s=560		Rast=240"x240"	Step=15"	Cad= 262s	1.024s/pixel	
UVSP 09:21			Peak...c/s=629						
			Wave length=1348A	Code=02	Rast=4"x4"	Step=0"	Pitch=+244", Yaw=+238"		
Event # = 1629									
80/11/10, 09:39	DOY=315	End times	SMM Pointing:	S12E17	Pitch=+259", Yaw=+282", Roll=0deg	H. Ang=23deg			
Optical									
GOES 09:30	09:39	09:50	Ha...Class=1B	S12E14	Mac.=FKC	Carr. Lon.=100deg	H. Ang=21deg		
HXRBS 09:29:55	09:35:00	09:37:10	Importance=M1	Qual=04					
UVSP 09:39			Peak...c/s=97	Qual=01	MaxkeV=57				
Radio	Frequency (MHz)/Flux(sfu):		Wave length=1353A	Code=02	Rast=4"x4"	Step=0"	Pitch=+252", Yaw=+218"		
	2695/22 4995/38								
Event # = 20477									
80/11/10, 10:36	DOY=315	End times	SMM Pointing:	S12E17	Pitch=+259", Yaw=+282", Roll=0deg	H. Ang=23deg			
GOES 10:35	10:36	10:36		Qual=00					
BCS 10:35			CaPeak.c/s=113	Qual=5	FePeak=10:36	#Peaks=1	dt= 0.6s	XEN=31562	
FCS 11:07			Peak3...c/s=67		Rast=240"x240"	Step=15"	Cad= 262s	1.024s/pixel	
HXIS 10:35			Peak...c/s=168						
UVSP 10:58			Wave length=1348A		Rast=4"x4"	Step=0"	Pitch=+252", Yaw=+203"		

Event # = 21031 80/11/10, 11:08 Start	DOY=315 Peak	End times	SMM Pointing:	S12E17	Pitch=+256", Yaw=+272", Roll=0deg	H. Ang=23deg
GOES 11:06	11:08	11:34	CaPeak.c/s=58 Wavelength=1353A	Qual=00 Qual= 5	FePeak=11:08 Exp #=15857	XEN=31563 Rast=4"x4" Pitch=+312", Yaw=+159"
BCS 11:04						
UVSP 11:04						
Event # = 21032 80/11/10, 11:44 Start	DOY=315 Peak	End times	SMM Pointing:	S12E17	Pitch=+256", Yaw=+272", Roll=0deg	H. Ang=23deg
Optical			Ha...Class=2B	S11W54	Mac.=CAO	H. Ang=56deg
Optical			Ha...Class=SB	N12W53	Carr. Lon.=167deg	H. Ang=53deg
GOES 11:38	11:44	13:00	Importance=M8	Qual=05	FePeak.c/s=9	XEN=31529
BCS 12:11	12:14	13:08	CaPeak.c/s=41	Qual= 5	Rast=240"x240"	Cad= 262s
FCS 12:15	12:15		Peak3...c/s=82		Step=15"	1.024s/pixel
UVSP 12:12			Wavelength=1348A	Exp #=15858	Pitch=+313", Yaw=+149"	
Event # = 1630 80/11/10, 13:01 Start	DOY=315 Peak	End times	SMM Pointing:	S12E16	Pitch=+257", Yaw=+259", Roll=0deg	H. Ang=22deg
GOES 13:00	13:01	13:06	Importance=C8	Qual=01		
HXRBS 13:00:35	13:01:25	13:02:30	Peak...c/s=92	Qual=01	MaxkeV=57	
UVSP 12:42			Wavelength=1353A	Code=00	Rast=4"x4" Step=0"	Pitch=+249", Yaw=+249"
Event # = 21033 80/11/10, 13:38 Start	DOY=315 Peak	End times	SMM Pointing:	S12E16	Pitch=+257", Yaw=+259", Roll=0deg	H. Ang=22deg
Optical			Ha...Class=SN	S07E16	Mac.=FKC	H. Ang=19deg
GOES 13:35	13:38	14:02	Importance=C7	Qual=05	FePeak.c/s=9	XEN=31512
BCS 13:47	13:47	13:52	CaPeak.c/s=30	Qual= 5	Rast=240"x240"	Cad= 262s
FCS 13:48	13:48		Peak3...c/s=23		Step=15"	1.024s/pixel
UVSP 13:48			Wavelength=1348A	Exp #=15864	Pitch=+249", Yaw=+239"	
Event # = 21034 80/11/10, 13:56 Start	DOY=315 Peak	End times	SMM Pointing:	S12E15	Pitch=+257", Yaw=+245", Roll=0deg	H. Ang=21deg
GOES 13:54	13:56	13:56	CaPeak.c/s=21	Qual=00	FePeak.c/s=8	XEN=31560
BCS 13:54	13:56	13:56	Wavelength=1353A	Qual= 1	Rast=4"x4" Step=0"	Pitch=+261", Yaw=+182"
UVSP 13:54						
Event # = 21035 80/11/10, 14:00 Start	DOY=315 Peak	End times	SMM Pointing:	S12E15	Pitch=+257", Yaw=+245", Roll=0deg	H. Ang=21deg
GOES 14:00	14:00	14:00	CaPeak.c/s=24	Qual=00	FePeak.c/s=3	XEN=31517
BCS 14:00	14:00	14:00	Wavelength=1353A	Qual= 1	Rast=4"x4" Step=0"	Pitch=+261", Yaw=+182"
UVSP 13:54						
Event # = 1631 80/11/10, 16:15 Start	DOY=315 Peak	End times	SMM Pointing:	S12E14	Pitch=+257", Yaw=+231", Roll=0deg	H. Ang=21deg
Optical			Ha...Class=1N	N15W50	Mac.=DKI	H. Ang=51deg
Optical			Ha...Class=SF	S12E12	Carr. Lon.=161deg	H. Ang=19deg
GOES 16:05	16:15	16:37	Importance=M1	Qual=03	Carr. Lon.=99deg	
HXRBS 16:06:55	16:11:50	16:17:55	Peak...c/s=783	Qual=01	MaxkeV=132	Flags=M
UVSP 16:59			Wavelength=1347A	Exp #=15874	Rast=10"x10"	Pitch=+190", Yaw=+135"

Event # = 20478									
80/11/10, 17:53	Start	DOY=315	SMM Pointing:		S12E13	Pitch=+256", Yaw=+218", Roll=0deg		H. Ang=20deg	
GOES 17:50	Peak	17:53	Importance=C3		Qual=01				
BCS 17:32		17:57	CaPeak.c/s=55		Qual=1				
FCS 17:44		17:53	Peak3...c/s=62			FePeak=17:56			
HXIS 17:53			Peak...c/s=84						
UVSP 17:52			Wave length=1354A		Code=00	Exp #=15878			
Event # = 1632									
80/11/10, 18:35	Start	DOY=315	SMM Pointing:		S12E12	Pitch=+258", Yaw=+202", Roll=0deg		H. Ang=20deg	
GOES 18:30	Peak	18:35	Importance=C3		Qual=04				
HXRBS 18:35:20		18:35:50	Peak...c/s=129		Qual=01				
UVSP 18:34			Wave length=1347A		Code=00	Tot Cts=390			
						Exp #=15879			
Event # = 21036									
80/11/10, 19:26	Start	DOY=315	SMM Pointing:		S12E12	Pitch=+258", Yaw=+202", Roll=0deg		H. Ang=20deg	
GOES 19:10	Peak	19:26	Importance=C4		Qual=01				
BCS 19:25		19:25	CaPeak.c/s=19		Qual=1				
UVSP 18:37			Wave length=1353A		Code=00	FePeak=19:25			
						Exp #=15882			
Event # = 1633									
80/11/10, 21:59	Start	DOY=315	SMM Pointing:		S12E11	Pitch=+257", Yaw=+175", Roll=0deg		H. Ang=19deg	
Optical			Ha...Class=SB		N09W57	Mac.=DKI		Carr.Lon.=165deg	
Optical			Ha...Class=SF		N21W87			Carr.Lon.=195deg	
Optical			Ha...Class=SN		S10W57			Carr.Lon.=165deg	
GOES 21:54	21:59	22:07	Importance=C7		Qual=01				
HXRBS 21:50:10	21:50:45	21:51:15	Peak...c/s=226		Qual=01	Tot Cts=1820			
UVSP 21:49			Wave length=1353A		Code=00	Exp #=15892			
Radio	Frequency (MHz)/Flux(sfu):	8800/46 15400/120				MaxkeV=132		Rast=180"x180"	
						Step=10"		Pitch=+228", Yaw=+99"	
						Associated			
						Event # = 1634			
						Qual=01		Tot Cts=13110	
						MaxkeV=57			
Event # = 21037									
80/11/10, 22:12	Start	DOY=315	SMM Pointing:		S12E11	Pitch=+257", Yaw=+175", Roll=0deg		H. Ang=19deg	
GOES 22:10	Peak	22:12	Importance=C4		Qual=01				
BCS 22:12		22:13	CaPeak.c/s=23		Qual=1				
FCS 22:13			Peak3...c/s=218			FePeak=22:12			
UVSP 21:49			Wave length=1353A		Code=00	Exp #=15892			
						FePeak.c/s=8		#Peaks=1	
						Rast=240"x240"		Step=15"	
						Cad= 262s		1.024s/pixel	
						Pitch=+228", Yaw=+99"			
Event # = 20479									
80/11/10, 23:28	Start	DOY=315	SMM Pointing:		S12E10	Pitch=+258", Yaw=+165", Roll=0deg		H. Ang=18deg	
Optical			End times						
GOES 23:20	Peak	23:28	Ha...Class=SN		S12E11	Mac.=FKC		Carr.Lon.=96deg	
HXIS 23:23			Importance=C3		Qual=01				
UVSP 23:23			Peak...c/s=91			Rast=180"x180"		Step=10"	
			Wave length=1353A		Code=00	Exp #=15897		Pitch=+233", Yaw=+74"	

Event #	Start	End times	SMM Pointing:	S12E09	Pitch=+258", Yaw=+155", Roll=0deg	H. Ang=18deg
80/11/10, 23:52	DOY=315	Peak	Importance=C3	Qual=01		
GOES 23:50	23:52	00:00	Peak...c/s=102	Qual=01		
HXRB 23:51:55	23:52:25	23:52:55	Wavelength=1353A	Code=00		
UVSP 23:23	23:52:25	23:52:55	4995/15 8800/33 15400/15			
Radio	Frequency (MHz)/Flux(sfu):					
Event # = 1635	80/11/10, 23:52	DOY=315	SMM Pointing:	S12E09	Pitch=+258", Yaw=+155", Roll=0deg	H. Ang=18deg
GOES 23:50	23:52	00:00	Importance=C3	Qual=01		
HXRB 23:51:55	23:52:25	23:52:55	Peak...c/s=102	Qual=01		
UVSP 23:23	23:52:25	23:52:55	Wavelength=1353A	Code=00		
Radio	Frequency (MHz)/Flux(sfu):					
Event # = 20480	80/11/11, 02:40	DOY=316	SMM Pointing:	S12E08	Pitch=+259", Yaw=+130", Roll=0deg	H. Ang=17deg
Optical	Start	End times	Ha...Class=SF	S12E03	Mac. = FKC	H. Ang=16deg
GOES 02:38	02:40	03:00	Importance=C3	Qual=04		
BCS 02:39	02:39	03:03	CaPeak.c/s=53	Qual=5		
FCS 02:51	02:51	03:03	Peak3...c/s=135			
HXIS 02:39	02:39	03:03	Peak...c/s=80			
UVSP 02:36	02:36	03:03	Wavelength=1353A	Code=00		
Event # = 21038	80/11/11, 03:11	DOY=316	SMM Pointing:	S12E08	Pitch=+259", Yaw=+130", Roll=0deg	H. Ang=17deg
Optical	Start	End times	Ha...Class=SF	N12W63	Mac. = DK1	H. Ang=63deg
GOES 03:02	03:11	03:24	Importance=C4	Qual=01		
BCS 03:09	03:09	03:10	CaPeak.c/s=18	Qual=1		
FCS 03:10	03:10	03:10	Peak3...c/s=55			
UVSP 02:36	02:36	03:10	Wavelength=1353A	Code=00		
BCS 03:21	03:21	03:21	Associated	Qual=1		
Event # = 21040	80/11/11, 03:30	DOY=316	SMM Pointing:	S12E08	Pitch=+259", Yaw=+130", Roll=0deg	H. Ang=17deg
GOES 03:24	03:30	03:31	CaPeak.c/s=27	Qual=00		
BCS 03:27	03:27	03:31	Peak3...c/s=100	Qual=2		
FCS 03:26	03:26	03:31	Wavelength=1353A			
UVSP 03:26	03:26	03:31				
Event # = 21041	80/11/11, 04:31	DOY=316	SMM Pointing:	S13E07	Pitch=+267", Yaw=+108", Roll=0deg	H. Ang=17deg
GOES 04:30	04:31	04:32	CaPeak.c/s=22	Qual=00		
BCS 04:31	04:31	04:32	Peak3...c/s=31	Qual=1		
FCS 04:16	04:16	04:32	Wavelength=1353A			
UVSP 04:16	04:16	04:32				
Event # = 21042	80/11/11, 04:37	DOY=316	SMM Pointing:	S13E07	Pitch=+267", Yaw=+108", Roll=0deg	H. Ang=17deg
GOES 04:36	04:37	04:39	CaPeak.c/s=22	Qual=00		
BCS 04:37	04:37	04:39	Peak3...c/s=58	Qual=1		
FCS 04:16	04:16	04:39	Wavelength=1353A			
UVSP 04:16	04:16	04:39				

Event # = 21043									
80/11/11,04:45	Start	DOY=316	Peak	End times	SMM Pointing:	S12E07		Pitch=+267",Yaw=+108",Roll=0deg	H.Ang=17deg
GOES	04:45	04:45	04:45	04:46	CaPeak.c/s=20	Qual=00			
BCS	04:45	04:45	04:45	04:45	Peak3...c/s=32	Qual=1	FePeak=04:45	FePeak.c/s=7	#Peaks=1
FCS	04:45	04:45	04:45	04:45	WaveLength=1353A		Exp #=15912	Rast=180"x180"	Step=0"
UVSP	04:16							Pitch=+228",Yaw=+40"	XEN=31613 1.536s/pixel
Event # = 1636									
80/11/11,06:32	Start	DOY=316	Peak	End times	SMM Pointing:	S12E06		Pitch=+257",Yaw=+102",Roll=0deg	H.Ang=17deg
Optical	06:25	06:32	06:32	06:45	Ha...Class=SN	S12E06	AR2779	Mac.=FKC	Carr.Lon.=97deg
GOES	06:25	06:32	06:32	06:45	Importance=M1	Qual=01			H.Ang=16deg
HXRBS	06:25:30	06:27:15	06:30:50	06:30:50	Peak...c/s=526	Qual=01	Tot Cts=54080	MaxkeV=132	
BCS	06:03	06:31	06:31	06:43	CaPeak.c/s=362	Qual=1	FePeak=06:29	FePeak.c/s=108	#Peaks=2
FCS	06:31	06:31	06:31	06:43	Peak3...c/s=292			Rast=60"x60"	dt= 6.3s
HXIS	06:31	06:31	06:31	06:43	Peak...c/s=632			Cad=36.9s	XEN=31654
UVSP	06:28	06:30	06:30	06:43	WaveLength=1353A	Code=00	Exp #=15918	Rast=30"x30"	Step=10"
Radio	06:28	06:30	06:30	06:43	Type/Intensity:			Pitch=+274",Yaw=+103"	
Sweeps	06:28	06:30	06:30	06:43	III/1				
Frequency(MHz)/Flux(sfu):	245/99	606/400	1415/29	2695/58	4995/120	8800/180	15400/74		
Event # = 20481									
80/11/11,07:39	Start	DOY=316	Peak	End times	SMM Pointing:	S12E05		Pitch=+262",Yaw=+83",Roll=0deg	H.Ang=16deg
GOES	07:30	07:39	07:39	07:50	Importance=C6	Qual=05			
BCS	07:43	07:43	07:43	08:18	CaPeak.c/s=77	Qual=5	FePeak=07:43	FePeak.c/s=10	#Peaks=1
FCS	07:44	07:44	07:44	08:18	Peak3...c/s=306			Rast=240"x240"	Step=15"
HXIS	07:45	07:45	07:45	08:18	Peak...c/s=123			Cad= 262s	XEN=31614
UVSP	07:37	07:45	07:45	08:18	WaveLength=1549A	Code=00	Exp #=15922	Rast=180"x180"	Step=3"
								Pitch=+231",Yaw=+40"	
Event # = 1637									
80/11/11,08:15	Start	DOY=316	Peak	End times	SMM Pointing:	S12E05		Pitch=+262",Yaw=+83",Roll=0deg	H.Ang=16deg
GOES	08:14	08:15	08:15	08:21	Importance=C5	Qual=01			
HXRBS	08:15:10	08:15:40	08:16:45	08:16:45	Peak...c/s=326	Qual=01	Tot Cts=3800	MaxkeV=132	Flags=M
UVSP	07:42	08:15:40	08:16:45	08:16:45	WaveLength=1549A	Code=00	Exp #=15923	Rast=30"x30"	Step=3"
								Pitch=+268",Yaw=+115"	
Event # = 1638									
80/11/11,09:15	Start	DOY=316	Peak	End times	SMM Pointing:	S12E04		Pitch=+259",Yaw=+72",Roll=0deg	H.Ang=16deg
Optical	09:04	09:15	09:15	09:49	Ha...Class=2B	N10W63	AR2776	Mac.=DK1	Carr.Lon.=164deg
GOES	09:04	09:15	09:15	09:49	Ha...Class=SN	S09E03	AR2779		H.Ang=63deg
HXRBS	09:22:30	09:24:15	09:26:35	09:26:35	Importance=M9	Qual=05	Tot Cts=10486	MaxkeV=57	Carr.Lon.=98deg
BCS	09:22	09:31	09:31	09:54	Peak...c/s=158	Qual=02	FePeak=09:31	FePeak.c/s=11	Flags=SA
FCS	09:29	09:29	09:29	09:54	CaPeak.c/s=13678	Qual=5		Rast=240"x240"	#Peaks=2
HXIS	09:24	09:24	09:24	09:54	Peak3...c/s=345			Cad= 262s	XEN=31615
UVSP	09:15	09:24	09:24	09:54	Peak...c/s=218			Pitch=+268",Yaw=+100"	1.024s/pixel
Radio	09:15	09:24	09:24	09:54	WaveLength=1546A	Code=02	Exp #=15924	Rast=3"x3"	
Frequency(MHz)/Flux(sfu):	1415/36	2695/130	4995/650	8800/2100	15400/610				
Event # = 1639									
80/11/11,09:41:35	Start	DOY=316	Peak	End times	SMM Pointing:	S12E04		Pitch=+259",Yaw=+72",Roll=0deg	H.Ang=16deg
GOES	09:41	09:41:35	09:41:50	09:41:50	Ha...Class=SN	S09E03	AR2776	Mac.=DK1	Carr.Lon.=164deg
HXRBS	09:41:00	09:41:35	09:41:50	09:41:50	Importance=M9	Qual=05	Tot Cts=10486	MaxkeV=57	Carr.Lon.=98deg
UVSP	09:21	09:41:35	09:41:50	09:41:50	Peak...c/s=158	Qual=02	FePeak=09:31	FePeak.c/s=11	Flags=SA
					CaPeak.c/s=13678	Qual=5		Rast=240"x240"	#Peaks=2
					Peak3...c/s=345			Cad= 262s	XEN=31615
					Peak...c/s=218			Pitch=+268",Yaw=+100"	1.024s/pixel
					WaveLength=1546A	Code=02	Exp #=15924	Rast=3"x3"	
					1415/36	2695/130	4995/650	8800/2100	15400/610
					Associated	Event # = 1639			
					Qual=01		Exp #=15926	Rast=30"x30"	Step=3"
					WaveLength=1549A			Pitch=+256",Yaw=+32"	

Event # = 20482	DOY=316	SMM Pointing:	S12E04	Pitch=+259", Yaw=+66", Roll=0deg	H.Ang=16deg
80/11/11, 10:09	Peak	End times			
Optical					
GOES 10:01	10:09	Ha...Class=1B	S11E03	Mac.=FKC	H.Ang=15deg
HXRBS 10:01	10:31	Importance=M3	Qual=05		
HXIS		Peak...c/s=661			
UVSP 10:54		Wave length=1546A	Exp #=15927	Rast=3"x3" Step=0" Pitch=+256", Yaw=+18"	
Event # = 1640	DOY=316	SMM Pointing:	S12E03	Pitch=+258", Yaw=+43", Roll=0deg	H.Ang=16deg
80/11/11, 12:13	Peak	End times			
Optical					
GOES 12:08	12:13	Importance=C1	Qual=01	MaxkeV=57	XEN=31617
HXRBS 12:12:30	12:13:10	Peak...c/s=70	Qual=01	FePeak.c/s=9	dt= 6.3s
BGS 12:07	12:13	CaPeak.c/s=29	Qual= 1	Rast=240"x240"	Cad= 262s
FCS 12:37	12:43	Peak3...c/s=227		Rast=3"x3" Step=0"	Pitch=+192", Yaw=-45"
UVSP		Wave length=1213A	Exp #=15931		
Event # = 21044	DOY=316	SMM Pointing:	S12E03	Pitch=+258", Yaw=+43", Roll=0deg	H.Ang=16deg
80/11/11, 12:46	Peak	End times			
Optical					
GOES 12:43	12:46	CaPeak.c/s=24	Qual=00	FePeak.c/s=7	#Peaks=1
BGS 12:39	12:47	Peak3...c/s=196	Qual= 1	Rast=240"x240"	Step=15"
FCS		Wave length=1215A	Exp #=15932	Rast=240"x240"	Step=3"
UVSP					XEN=31657
Event # = 20483	DOY=316	SMM Pointing:	S12E03	Pitch=+258", Yaw=+43", Roll=0deg	H.Ang=16deg
80/11/11, 12:55	Peak	End times			
Optical					
GOES 12:53	12:55	Importance=C3	Qual=01	FePeak.c/s=9	dt= 6.3s
BGS 12:52	12:57	Peak...c/s=37	Qual= 1	Rast=240"x240"	Cad= 262s
FCS 12:57	12:57	Peak3...c/s=227		Rast=240"x240"	Step=15"
HXIS 12:39	12:55	Peak...c/s=67	Code=01	Rast=240"x240"	Step=3"
UVSP		Wave length=1215A	Exp #=15932		Pitch=+192", Yaw=-45"
Event # = 1641	DOY=316	SMM Pointing:	S12E02	Pitch=+259", Yaw=+28", Roll=0deg	H.Ang=16deg
80/11/11, 14:50	Peak	End times			
Optical					
GOES 14:37	14:50	Ha...Class=1N	S12E03	Mac.=FKC	H.Ang=15deg
HXRBS 14:39:20	14:40:50	Importance=M1	Qual=02		
BGS 13:43	14:41	Peak...c/s=143	Qual=03	Flags=M, EN	XEN=31622
FCS 14:21	14:41	CaPeak.c/s=200	Qual= 2	MaxkeV=57	dt= 6.3s
HXIS 14:38	14:40	Peak3...c/s=677		FePeak.c/s=67	Cad=36.9s
UVSP		Peak...c/s=616	Code=01	Rast=60"x60"	Cad=10"
		Wave length=1353A	Exp #=15940	Rast=30"x30"	Step=10"
Event # = 1642	DOY=316	SMM Pointing:	S12E01	Pitch=+259", Yaw=+13", Roll=0deg	H.Ang=15deg
80/11/11, 15:21	Peak	End times			
Optical					
GOES 15:17	15:21	Ha...Class=1B	S12W01	Mac.=FKC	H.Ang=15deg
HXRBS 15:18:50	15:19:40	Ha...Class=1B	N10W65		H.Ang=65deg
BGS 15:17	15:17	Importance=M1	Qual=01		
FCS 15:20	15:20	Peak...c/s=1791	Qual=01	Flags=M	
HXIS 15:20	15:18	CaPeak.c/s=100		MaxkeV=132	Cad= 262s
UVSP 15:20		Peak3...c/s=576		Rast=240"x240"	Step=15"
		Peak...c/s=229		Rast=3"x3"	Step=0"
		Wave length=1546A	Code=00	Exp #=15942	Pitch=+250", Yaw=+14"

Event # = 20484	DOY=316	SMM Pointing:	S12W01	Pitch=+258", Yaw=-15", Roll=0deg	H. Ang=15deg
80/11/11, 18:38	Peak	End times	Qual=00		
GOES	18:38	Peak...c/s=61			
HXIS		Wavelength=1353A			
UVSP	18:32			Rast=180"x180" Step=10" Pitch=+234", Yaw=-56"	
Exp #=15954					
Event # = 1647	DOY=316	SMM Pointing:	S12W01	Pitch=+258", Yaw=-15", Roll=0deg	H. Ang=15deg
80/11/11, 19:10	Peak	End times			
Optical		Ha...Class=SN	N11W70	Mac.=DKI Carr. Lon.=166deg	H. Ang=70deg
GOES	19:09	Importance=C8	Qual=01		
HXRBS	19:08:10	Peak...c/s=125	Qual=01		
BCS	19:09	CaPeak.c/s=19	Qual=1	MaxkeV=57	XEN=31631
UVSP	18:32	Wavelength=1353A	Code=00	Rast=180"x180" Step=10" Pitch=+234", Yaw=-56"	
		Associated	Event # = 21046		
BCS	19:15	CaPeak.c/s=19	Qual=1	FePeak.c/s=10 #Peaks=1	XEN=31632
FCS	19:15	Peak3...c/s=38		Rast=180"x180" Step=15" Cad= 147s	1.024s/pixel
		Associated	Event # = 21047		
BCS	19:19	CaPeak.c/s=19	Qual=1	FePeak.c/s=11 #Peaks=1	XEN=31633
FCS	19:19	Peak3...c/s=56		Rast=180"x180" Step=15" Cad= 147s	1.024s/pixel
		Associated	Event # = 21048		
BCS	19:21	CaPeak.c/s=22	Qual=1	FePeak.c/s=9 #Peaks=1	XEN=31634
FCS	19:22	Peak3...c/s=90		Rast=180"x180" Step=15" Cad= 147s	1.024s/pixel
Pitch=+259", Yaw=-30", Roll=0deg					
Event # = 1648	DOY=316	SMM Pointing:	S12W02	Pitch=+259", Yaw=-30", Roll=0deg	H. Ang=16deg
80/11/11, 20:06	Peak	End times			
GOES		Qual=00			
HXRBS	20:16:00	Peak...c/s=84	Qual=01	MaxkeV=57	XEN=31638
BCS	20:06	CaPeak.c/s=24	Qual=5	FePeak.c/s=12 #Peaks=1	XEN=31638
FCS	20:08	Peak3...c/s=201		Rast=240"x240" Step=15" Cad= 262s	1.024s/pixel
UVSP	20:07	Wavelength=1347A		Rast=10"x10" Step=0" Pitch=+250", Yaw=-30"	
Exp #=15955					
Event # = 1649	DOY=316	SMM Pointing:	S12W02	Pitch=+259", Yaw=-30", Roll=0deg	H. Ang=16deg
80/11/11, 20:41	Peak	End times			
GOES		Qual=00			
HXRBS	20:41:30	Peak...c/s=112	Qual=01	MaxkeV=132	
UVSP	20:09	Wavelength=1353A		Rast=180"x180" Step=10" Pitch=+234", Yaw=-71"	
Tot Cts=280					
Exp #=15958					
Event # = 1650	DOY=316	SMM Pointing:	S12W02	Pitch=+259", Yaw=-30", Roll=0deg	H. Ang=16deg
80/11/11, 20:48	Peak	End times			
Optical		Ha...Class=IN	N10W71	Mac.=DKI Carr. Lon.=166deg	H. Ang=71deg
GOES	20:42	Importance=M1	Qual=01		
HXRBS	20:42:25	Peak...c/s=429	Qual=01	MaxkeV=57	
UVSP	20:09	Wavelength=1353A	Code=00	Rast=180"x180" Step=10" Pitch=+234", Yaw=-71"	
Tot Cts=24360					
Exp #=15958					

80/11/12 DOY=317

Event # = 21050	DOY=317	SMM Pointing:	N03W00	Pitch=-1", Yaw=+1", Roll=0deg	H.Ang=0deg
80/11/12, 01:05	Peak	End times			
GOES 00:58	01:05	Importance=C8	Qual=01	FePeak.c/s=14 #Peaks=1	XEN=31700
BCS 01:02	01:07	CaPeak.c/s=21	Qual=1	Rast=115"x115" Step=5" Cad= 542s	1.024s/pixel
FCS 01:07	01:07	Peak3...c/s=951		Rast=120"x120" Step=3" Pitch=-6", Yaw=+957"	
UVSP 01:09		Wavelength=2912A Code=02 Exp #=15969			
Event # = 1655	DOY=317	SMM Pointing:	S12W05	Pitch=+254", Yaw=-85", Roll=0deg	H.Ang=16deg
80/11/12, 02:36	Peak	End times			
GOES 02:30	02:36	Importance=C3	Qual=04	MaxkeV=57	Flags=SA
HXRBS 02:36:00	02:36:25	Peak...c/s=120	Qual=02	Rast=180"x180" Step=10" Pitch=+230", Yaw=-126"	
UVSP 02:33		Wavelength=1353A Code=00 Exp #=15977			
Event # = 1656	DOY=317	SMM Pointing:	S12W05	Pitch=+254", Yaw=-85", Roll=0deg	H.Ang=16deg
80/11/12, 02:51	Peak	End times			
Optical 02:42	02:51	Ha...Class=1B	S13W06	Mac.=FKC	Carr.Lon.=98deg
GOES 02:42:55	02:49:30	Importance=M1	Qual=01	Tot Cts=1.05E+5	Flags=M
HXRBS 02:36	02:51	Peak...c/s=968	Qual=01	FePeak.c/s=284 #Peaks=2	dt= 3.2s
BCS 02:48	02:48	CaPeak.c/s=741	Qual=1	Rast=420"x420" Step=10" Cad=1806s	XEN=31739
FCS 02:50	02:50	Peak3...c/s=763			1.024s/pixel
HXIS 02:33		Peak...c/s=1531			
UVSP 02:43	02:47	Wavelength=1353A Code=00 Exp #=15977		Rast=180"x180" Step=10" Pitch=+230", Yaw=-126"	
Radio Frequency (MHz)/Flux(sfu): 2695/10 4995/73 8800/150 15400/76		Associated Event # = 20487			
BCS 02:43	02:47	CaPeak.c/s=180			
Event # = 1657	DOY=317	SMM Pointing:	S12W05	Pitch=+254", Yaw=-85", Roll=0deg	H.Ang=16deg
80/11/12, 03:00	Peak	End times			
Optical 03:00:10	03:00:35	Ha...Class=SF	N08W79	Mac.=DKI	Carr.Lon.=171deg
GOES 03:00:10	03:00:35	Peak...c/s=161	Qual=00	MaxkeV=132	H.Ang=79deg
HXRBS 02:33		Wave length=1353A	Qual=01	Rast=180"x180" Step=10" Pitch=+230", Yaw=-126"	
UVSP 02:33					
Event # = 1658	DOY=317	SMM Pointing:	S12W05	Pitch=+254", Yaw=-85", Roll=0deg	H.Ang=16deg
80/11/12, 03:12	Peak	End times			
Optical 03:11	03:12	Ha...Class=1F	S10W78	Mac.=DSO	Carr.Lon.=170deg
GOES 03:11:00	03:12:25	Importance=C2	Qual=01	MaxkeV=57	H.Ang=79deg
HXRBS 03:11:00	03:12:25	Peak...c/s=103	Qual=01	Rast=180"x180" Step=10" Pitch=+230", Yaw=-126"	
UVSP 02:33		Wave length=1353A Code=00 Exp #=15977			
Event # = 1659	DOY=317	SMM Pointing:	S12W05	Pitch=+254", Yaw=-85", Roll=0deg	H.Ang=16deg
80/11/12, 03:18	Peak	End times			
GOES 03:17:45	03:18:05	Peak...c/s=86	Qual=00	MaxkeV=57	
HXRBS 02:33		Wavelength=1353A	Qual=01	Rast=180"x180" Step=10" Pitch=+230", Yaw=-126"	
UVSP 02:33					

Event # = 1660									
80/11/12, 04:25	Start	DOY=317	End times	SMM Pointing:	N03W00	Pitch=+0", Yaw=+0", Roll=0deg	H. Ang=0deg		
GOES 04:23	Peak	04:25	04:39	Importance=C3	Qual=01				
HXRBS 04:24:55		04:25:05	04:25:40	Peak...c/s=79	Qual=01				
UVSP 04:24				Wavelength=1300A	Code=00	Step=0" Pitch=-69", Yaw=-83"			
Event # = 1661									
80/11/12, 04:52	Start	DOY=317	End times	SMM Pointing:	N03W00	Pitch=+0", Yaw=+0", Roll=0deg	H. Ang=0deg		
Optical									
GOES 04:45	Peak	04:52	05:17	Ha...Class=2B	N10W72	Mac.=DKI Carr. Lon.=163deg	H. Ang=72deg		
HXRBS 04:45:50		04:52:00	05:03:15	Importance=X2	Qual=03				
GRS 04:48:16			04:49:22	Peak...c/s=50219	Qual=03	Tot Cts=4.17E+6 MaxkeV=509	Flags=M, EN		
UVSP 04:48				Max.E...MeV= 0.8		Nuclear.Line=N		Dur=66sec	
Radio				Wavelength=1547A	Code=00	Exp #=15987			
				Flux(sfu): 1415/620 2695/100 4995/490 8800/900 15400/450		Step=3" Pitch=-69", Yaw=-83"			
Event # = 20488									
80/11/12, 06:02	Start	DOY=317	End times	SMM Pointing:	S12W07	Pitch=+255", Yaw=-116", Roll=0deg	H. Ang=17deg		
GOES 06:01	Peak	06:02	06:04	Importance=C3	Qual=01				
BGS 05:58		06:04	06:39	CaPeak.c/s=81	Qual=1	FePeak.c/s=15 dt= 3.2s	XEN=31710		
FCS 06:07				Peak3...c/s=246		Rast=0"x0" Step=0" Cad=30.7s	30.72s/pixel		
HXIS 06:02				Peak...c/s=136					
UVSP 06:02				Wavelength=1352A	Code=02	Step=0" Pitch=+280", Yaw=-140"			
Event # = 4306									
80/11/12, 08:10	Start	DOY=317	End times	SMM Pointing:	S12W08	Pitch=+254", Yaw=-129", Roll=0deg	H. Ang=17deg		
Optical									
GOES 08:00	Peak	08:10	08:30	Importance=C8	S12W10	Mac.=FKC Carr. Lon.=99deg	H. Ang=18deg		
HXRBS 08:01:35		08:02:10	08:02:40	Peak...c/s=66	Qual=03				
BGS 07:38		08:13	08:14	CaPeak.c/s=175	Qual=01	MaxkeV=57			
FCS 08:06		08:06		Peak3...c/s=322	Qual=2	FePeak.c/s=24 dt= 6.3s	XEN=31733		
HXIS 08:01				Peak...c/s=286		Rast=55"x55" Step=5"	Cad= 124s	1.024s/pixel	
UVSP 08:01				Wavelength=1353A	Code=00	Step=10" Pitch=+260", Yaw=-168"			
Event # = 1662									
80/11/12, 09:19	Start	DOY=317	End times	SMM Pointing:	S12W09	Pitch=+254", Yaw=-149", Roll=0deg	H. Ang=18deg		
Optical									
GOES 09:09	Peak	09:19	09:28	Importance=C8	S12W10	Mac.=FKC Carr. Lon.=98deg	H. Ang=18deg		
HXRBS 09:18:35		09:19:45	09:21:20	Peak...c/s=96	Qual=04				
BGS 09:17		09:23	09:50	CaPeak.c/s=103	Qual=01	MaxkeV=57			
FCS 09:33		09:33		Peak3...c/s=341	Qual=1	FePeak.c/s=21 dt= 3.2s	XEN=31711		
HXIS 09:15		09:22		Peak...c/s=180		Rast=0"x0" Step=0"	Cad=30.7s	30.72s/pixel	
UVSP 09:15				Wavelength=1353A	Code=00	Step=10" Pitch=+259", Yaw=-170"			
Event # = 1663									
80/11/12, 09:45	Start	DOY=317	End times	SMM Pointing:	S12W09	Pitch=+254", Yaw=-149", Roll=0deg	H. Ang=18deg		
GOES 09:41	Peak	09:45	09:50	Importance=C5	Qual=03				
HXRBS 09:43:40		09:45:35	09:46:10	Peak...c/s=83	Qual=01				
UVSP 09:26				Wavelength=1353A	Code=00	Step=10" Pitch=+259", Yaw=-171"			

Event # = 4307									
80/11/12, 17:37	DOY=317	Start	End times	SMM Pointing:	S12W13		Pitch=+252", Yaw=-221", Roll=0deg	H. Ang=20deg	
Optical				Ha...Class=SN	S13W15	AR2779	Mac.=FKC	Carr.Lon.=99deg	H. Ang=22deg
GOES 17:30	17:37	17:45		Importance=C7	Qual=01		MaxkeV=57	Flags=I	
HXRBS 17:32:25	17:35:35	17:38:37		Peak...c/s=66	Tot Cts=2421		Rast=180"x180"	Step=15"	Cad= 148s
BCS 17:28	17:37	17:48		CaPeak.c/s=120			Rast=10"x10"	Step=0"	Pitch=+252", Yaw=-290"
FCS 17:43	17:43			Peak3...c/s=498					
UVSP 17:36				Wavelength=1352A	Code=00	Exp #=16078			
Radio Sweeps			Type/Intensity:	111/1					
Event # = 21053									
80/11/12, 19:12	DOY=317	Start	End times	SMM Pointing:	S12W13		Pitch=+252", Yaw=-221", Roll=0deg	H. Ang=20deg	
GOES 19:12	19:12	19:12		CaPeak.c/s=19	Qual=00		FePeak.c/s=9	#Peaks=1	XEN=31723
BCS 19:12	19:12	19:12			Qual=1	FePeak=19:12			
Event # = 21054									
80/11/12, 19:22	DOY=317	Start	End times	SMM Pointing:	S12W15		Pitch=+252", Yaw=-238", Roll=0deg	H. Ang=21deg	
GOES 19:17	19:22	19:26		Importance=C4	Qual=01		FePeak.c/s=8	#Peaks=1	XEN=31724
BCS 19:21	19:22	19:25		CaPeak.c/s=23	Qual=1	FePeak=19:22	Rast=180"x180"	Step=15"	Cad= 147s
FCS 19:23	19:23			Peak3...c/s=76					1.024s/pixel
Event # = 1666									
80/11/12, 20:29	DOY=317	Start	End times	SMM Pointing:	S12W15		Pitch=+253", Yaw=-248", Roll=0deg	H. Ang=21deg	
GOES 20:00	20:29	20:32		Importance=C5	Qual=01		MaxkeV=57		
HXRBS 20:03:00	20:03:40	20:05:15		Peak...c/s=68	Qual=01		Rast=120"x120"	Step=10"	Pitch=+252", Yaw=-257"
UVSP 20:07				Wavelength=1353A	Code=00	Exp #=16127			
Event # = 20490									
80/11/12, 20:57	DOY=317	Start	End times	SMM Pointing:	S12W15		Pitch=+252", Yaw=-252", Roll=0deg	H. Ang=22deg	
GOES 20:50	20:57	21:01		Importance=C8	Qual=03				
HXIS 20:57	20:57			Peak...c/s=152			Rast=120"x120"	Step=10"	Pitch=+257", Yaw=-279"
UVSP 20:55				Wavelength=1353A	Code=00	Exp #=16129			
Event # = 1667									
80/11/12, 21:39	DOY=317	Start	End times	SMM Pointing:	S12W16		Pitch=+252", Yaw=-262", Roll=0deg	H. Ang=22deg	
Optical				Ha...Class=SN	S12W19	AR2779	Carr.Lon.=100deg	H. Ang=24deg	
GOES 21:37	21:39	21:41		Importance=C6	Qual=04		MaxkeV=57		
HXRBS 21:38:55	21:39:55	21:41:00		Peak...c/s=80	Qual=01		FePeak.c/s=23	#Peaks=2	XEN=31726
BCS 21:37	21:40	22:23		CaPeak.c/s=71	Qual=1	FePeak=21:40	Rast=180"x180"	Step=15"	Cad= 147s
FCS 21:51	21:40			Peak3...c/s=234					1.024s/pixel
HXIS 21:40	21:40			Peak...c/s=112			Rast=10"x10"	Step=0"	Pitch=+256", Yaw=-286"
UVSP 21:39				Wavelength=1347A	Code=02	Exp #=16130			

Event # = 1668	DOY=317	SMM Pointing:	S12W16	Pitch=+252", Yaw=-262", Roll=0deg	H. Ang=22deg
80/11/12, 21:55	Peak	End times			
Optical		Ha...Class=SF	N07W76	Mac.=DKI	H. Ang=76deg
Optical		Ha...Class=SN	S13W15	Carr. Lon.=157deg	H. Ang=22deg
Optical		Code=BSL	N07W90	Carr. Lon.=96deg	H. Ang=90deg
GOES	21:50	Importance=M2	Qual=01		
GOES	21:51:50	Peak...c/s=890	Qual=01	Flags=M	
HXRBS	21:52:45	Wavelength=1353A	Code=00	Step=10"	Pitch=+246", Yaw=-296"
UVSP	21:42	Frequency(MHz)/Flux(sfu):	4995/150		
Radio			8800/48		
Event # = 1669	DOY=317	SMM Pointing:	S12W16	Pitch=+252", Yaw=-262", Roll=0deg	H. Ang=22deg
80/11/12, 22:56	Peak	End times			
Optical		Ha...Class=1B	S13W18	Mac.=FKC	H. Ang=24deg
GOES	22:30	Importance=M3	Qual=02		
GOES	22:30:35	Peak...c/s=99	Qual=01		
HXRBS	22:31:10	CaPeak.c/s=114	Qual= 2	MaxkeV=57	XEN=31731
BCS	22:27	Peak3...c/s=242		Rast=180"x180"	dt= 6.3s
FCS	22:33	Peak...c/s=182		Step=15"	Cad= 147s
HXIS	22:36	Wavelength=1347A		Step=0"	Pitch=+246", Yaw=-310"
UVSP	23:15	8800/37 15400/20			
Radio		Associated Event # = 20741			
Frequency(MHz)/Flux(sfu):					
FCS	22:33	Peak3...c/s=242		Rast=180"x180"	Cad= 148s
UVSP	21:42	Wavelength=1353A		Rast=120"x120"	Pitch=+246", Yaw=-296"
Event # = 1670	DOY=318	SMM Pointing:	S12W04	Pitch=+259", Yaw=-69", Roll=0deg	H. Ang=16deg
80/11/13, 00:20	Peak	End times			
Optical		Ha...Class=SF	S11W20	Mac.=FKC	H. Ang=24deg
GOES	23:33	Importance=M3	Qual=02		
GOES	23:51:20	Peak...c/s=102	Qual=01	MaxkeV=57	XEN=31732
HXRBS	23:55:55	CaPeak.c/s=527	Qual= 2	dt= 6.3s	
BCS	23:13	Peak3...c/s=732		Step=15"	Cad= 262s
FCS	23:16	Wavelength=1353A		Step=10"	Pitch=+256", Yaw=-293"
UVSP	00:13	Associated Event # = 1670			
HXRBS*	23:34:10	Peak...c/s=155	Qual=01	MaxkeV=57	
UVSP	23:44	Wavelength=1353A		Rast=120"x120"	Pitch=+256", Yaw=-294"
HXRBS	00:07:10	Peak...c/s=95	Qual=01	Step=10"	
HXIS	00:08	Peak...c/s=804			
UVSP	00:07	Wavelength=1352A		MaxkeV=57	
Event # = 1671	DOY=318	SMM Pointing:	S12W18	Rast=10"x10"	Pitch=+271", Yaw=-257"
80/11/13, 01:03	Peak	End times			
Optical		Ha...Class=1B	S11W21		
GOES	00:31	Importance=M9	Qual=04	Pitch=+251", Yaw=-287", Roll=0deg	H. Ang=23deg
GOES	00:49:15	Peak...c/s=6915	Qual=01	Mac.=FKC	H. Ang=25deg
HXRBS	00:57:00	CaPeak.c/s=2218	Qual= 5	Carr. Lon.=101deg	
BCS	00:49	Peak3...c/s=1373			
FCS	01:18	Peak...c/s=3672		MaxkeV=272	XEN=31800
HXIS	00:49	Wavelength=1352A	Code=02	FePeak.c/s=505	Cad= 262s
UVSP	01:03	111/2 V/2		Rast=240"x240"	Step=15"
Radio		Type/Intensity:		Step=0"	Pitch=+271", Yaw=-320"
Frequency(MHz)/Flux(sfu):		606/47 1415/480 2695/89 4995/220 8800/240			

Event # = 21057									
80/11/13, 02:44	DOY=318	Start	End times	SMM Pointing:	S12W19	Pitch=+251", Yaw=-302", Roll=0deg	H. Ang=24deg		
GOES 02:32	02:44	03:11		CaPeak.c/s=61	Qual=00				
BCS 02:50	02:50			Peak3...c/s=252	Qual=1	FePeak=02:44			
UVSP 02:33				Wavelength=1353A		Exp #=16359			
Event # = 1674									
80/11/13, 02:57	DOY=318	Start	End times	SMM Pointing:	S12W19	Pitch=+251", Yaw=-302", Roll=0deg	H. Ang=24deg		
GOES 02:57:10	02:57:25	02:58:00		Peak...c/s=86	Qual=00				
HXRBS 02:33				Wavelength=1353A	Qual=01	MaxkeV=57			
UVSP 02:33						Exp #=16359			
Event # = 1675									
80/11/13, 03:20	DOY=318	Start	End times	SMM Pointing:	S12W19	Pitch=+251", Yaw=-302", Roll=0deg	H. Ang=24deg		
GOES 03:12	03:20	03:39		Importance=M1	Qual=03				
HXRBS 03:01:30	03:14:30	03:24:10		Peak...c/s=234	Qual=01				
BCS 03:11	03:16	03:23		CaPeak.c/s=58	Qual=3	Tot Cts=57120			
FCS 03:11	03:16			Peak3...c/s=63		FePeak=03:16			
HXIS 03:16	03:16			Peak...c/s=112					
UVSP 02:33				Wavelength=1353A	Code=00	Exp #=16359			
Event # = 20491									
80/11/13, 07:58	DOY=318	Start	End times	SMM Pointing:	S12W21	Pitch=+251", Yaw=-346", Roll=0deg	H. Ang=26deg		
GOES 07:50	07:58	08:05		Importance=C4	Qual=01				
BCS 07:34	07:46	08:10		CaPeak.c/s=400	Qual=1	FePeak=07:46			
HXIS 07:34	07:59			Peak...c/s=84					
UVSP 07:34				Wavelength=1353A	Code=00	Exp #=16371			
Event # = 1676									
80/11/13, 09:52	DOY=318	Start	End times	SMM Pointing:	S12W22	Pitch=+250", Yaw=-357", Roll=0deg	H. Ang=27deg		
Optical 09:37	09:52	10:31		Code=LPS	S10W90				
GOES 09:37:35	09:46:40	09:46:40		Importance=M8	Qual=02	AR2777			
HXRBS 09:37:35	09:46:40	09:46:40		Peak...c/s=1593	Qual=03				
Radio Frequency(MHz)/Flux(sfu):				1415/36 2695/72	4995/250 8800/1100	Tot Cts=2.73E+5			
						MaxkeV=272			
						Flags=M, EN			
Event # = 1677									
80/11/13, 19:25	DOY=318	Start	End times	SMM Pointing:	N00W00		H. Ang=3deg		
Optical 19:10	19:25	19:35		Ha...Class=2B	S16W32				
GOES 19:12:00	19:16:40	19:22:20		Importance=M4	Qual=03	Mac.=FKC			
HXRBS 19:12:00	19:16:40	19:22:20		Peak...c/s=483	Qual=03	AR2779			
Radio Frequency(MHz)/Flux(sfu):				1415/7 2695/32	4995/67 8800/110 15400/53	Tot Cts=1.34E+5			
						MaxkeV=57			
						Flags=EN			
Event # = 1678									
80/11/13, 20:31	DOY=318	Start	End times	SMM Pointing:	N00W00		H. Ang=3deg		
GOES 20:29	20:31	20:40		Importance=C2	Qual=01				
HXRBS 20:31:05	20:31:35	20:33:05		Peak...c/s=88	Qual=01				
						MaxkeV=57			

		80/11/14		DOY=319			
Event # = 1679		DOY=319	SMM Pointing:	N00W00		H. Ang=3deg	
80/11/14,01:04	Start	Peak	End times				
GOES	01:02:35	01:04:50	01:05:50	Peak....c/s=76	Qual=00		
HXRBS	01:02:35	01:04:50	01:05:50	Peak....c/s=76	Qual=01	MaxkeV=57	
Event # = 1680		DOY=319	SMM Pointing:	N00W00		H. Ang=3deg	
80/11/14,01:08	Start	Peak	End times				
GOES	01:08:05	01:08:50	01:10:15	Importance=C4	Qual=01		
HXRBS	01:08:05	01:08:50	01:10:15	Peak....c/s=60	Qual=01	MaxkeV=57	
Event # = 1681		DOY=319	SMM Pointing:	N00W00		H. Ang=3deg	
80/11/14,01:19	Start	Peak	End times				
Optical				Ha...Class=SF			
GOES	00:43	01:19	01:23	Importance=C6	Qual=01	Mac.=FKC	Carr. Lon.=103deg
HXRBS	01:10:35	01:17:30	01:19:10	Peak....c/s=93	Qual=01	MaxkeV=57	
Event # = 1682		DOY=319	SMM Pointing:	N00W00		H. Ang=3deg	
80/11/14,01:31	Start	Peak	End times				
GOES	01:28	01:31	01:40	Importance=C3	Qual=04		
HXRBS	01:30:25	01:31:25	01:32:45	Peak....c/s=71	Qual=01	MaxkeV=57	
Event # = 1683		DOY=319	SMM Pointing:	N00W00		H. Ang=3deg	
80/11/14,02:49	Start	Peak	End times				
Optical				Ha...Class=SF			
GOES	02:48	02:49	02:51	Importance=C3	Qual=01	Mac.=FKC	Carr. Lon.=90deg
HXRBS	02:48:30	02:49:20	02:51:45	Peak....c/s=61	Qual=01	MaxkeV=57	
Event # = 1684		DOY=319	SMM Pointing:	N00W00		H. Ang=3deg	
80/11/14,02:58	Start	Peak	End times				
Optical				Ha...Class=SF			
GOES	02:57	02:58	03:01	Importance=C4	Qual=01	Mac.=FKC	Carr. Lon.=93deg
HXRBS	02:56:50	02:58:40	02:59:50	Peak....c/s=209	Qual=01	MaxkeV=57	
Radio	Frequency(MHz)/Flux(sfu): 4995/35 8800/46 15400/29				Tot Cts=6840		
Event # = 1685		DOY=319	SMM Pointing:	N00W00		H. Ang=3deg	
80/11/14,05:00	Start	Peak	End times				
Optical				Ha...Class=SN			
GOES	04:53	05:00	05:12	Importance=C6	Qual=02	Mac.=FKC	Carr. Lon.=102deg
HXRBS	04:54:40	04:55:40	04:57:05	Peak....c/s=794	Qual=01	MaxkeV=132	Flags=M
Radio	Frequency(MHz)/Flux(sfu): 4995/140 8800/180				Tot Cts=27985		
Event # = 1686		DOY=319	SMM Pointing:	N00W00		H. Ang=3deg	
80/11/14,08:05	Start	Peak	End times				
GOES	07:00	08:05	09:40	Importance=M7	Qual=03		
HXRBS	07:31:00	07:48:20	09:43:25	Peak....c/s=396	Qual=04	MaxkeV=132	Flags=M,SN,EN
Radio	Frequency(MHz)/Flux(sfu): 1415/120 2695/200 4995/150 8800/110 15400/56				Tot Cts=8.10E+5		

Event # = 1687									
80/11/14, 12:52	DOY=319	Peak	End times	SMM Pointing:	S12W21	Pitch=+240", Yaw=-337", Roll=0deg	H. Ang=25deg		
Optical				Ha...Class=SN					
GOES 12:50	12:52		12:58	Importance=C5	AR2779	Mac.=FKC	Carr. Lon.=93deg		
HXRBS 12:52:30	12:53:30	12:55:45		Peak...c/s=109	Tot Cts=2730	MaxkeV=57	Flags=M		
Event # = 1688									
80/11/14, 14:28	DOY=319	Peak	End times	SMM Pointing:	S12W21	Pitch=+240", Yaw=-337", Roll=0deg	H. Ang=25deg		
GOES									
HXRBS 14:28:10	14:28:40	14:28:50		Peak...c/s=78		MaxkeV=57			
Event # = 1689									
80/11/14, 15:17	DOY=319	Peak	End times	SMM Pointing:	S12W21	Pitch=+240", Yaw=-337", Roll=0deg	H. Ang=25deg		
Optical				Ha...Class=SN					
GOES 15:16	15:17	15:18		Importance=C1	AR2779	Mac.=FKC	Carr. Lon.=98deg		
HXRBS 15:16:50	15:17:30	15:18:10		Peak...c/s=90		MaxkeV=57			
Event # = 1690									
80/11/14, 15:47	DOY=319	Peak	End times	SMM Pointing:	S12W21	Pitch=+240", Yaw=-337", Roll=0deg	H. Ang=25deg		
Optical				Ha...Class=2B					
GOES 15:39	15:47	16:01		Importance=M2		Mac.=FKC	Carr. Lon.=97deg		
HXRBS 15:39:35	15:39:50	15:52:30		Peak...c/s=1499					
Radio				Frequency(MHz)/Flux(sfu): 606/38 1415/10 2695/20 4995/97 8800/160 15400/51		Flags=M			
HXRBS 15:57:30	15:58:20	16:00:30		Peak...c/s=99	Associated Event # = 1691	MaxkeV=57			
Event # = 1692									
80/11/14, 16:02	DOY=319	Peak	End times	SMM Pointing:	S12W21	Pitch=+240", Yaw=-337", Roll=0deg	H. Ang=25deg		
GOES 16:00	16:02	16:18		Importance=M1					
HXRBS 16:01:50	16:02:20	16:03:30		Peak...c/s=120					
Radio				Frequency(MHz)/Flux(sfu): 4995/5 8800/26 15400/10	Tot Cts=8000	MaxkeV=57			
Event # = 1694									
80/11/14, 18:52	DOY=319	Peak	End times	SMM Pointing:	S12W21	Pitch=+240", Yaw=-337", Roll=0deg	H. Ang=25deg		
Optical				Ha...Class=1B					
GOES 18:25	18:52	19:07		Importance=M2		Mac.=FKC	Carr. Lon.=101deg		
HXRBS 18:47:35	18:49:40	18:54:15		Peak...c/s=817					
Radio				Frequency(MHz)/Flux(sfu): 1415/24 2695/160 4995/740 8800/360 15400/150	Tot Cts=38400	MaxkeV=132			
HXRBS 18:27:00	18:30:25	18:46:00		Peak...c/s=716	Associated Event # = 1693	MaxkeV=132			
Event # = 1695									
80/11/14, 22:18	DOY=319	Peak	End times	SMM Pointing:	N00W00		H. Ang=3deg		
Optical				Ha...Class=SB					
GOES 22:11	22:18	22:26		Importance=C8	AR2779	Mac.=FKC	Carr. Lon.=98deg		
HXRBS 22:11:45	22:16:05	22:19:50		Peak...c/s=131	Tot Cts=15035	MaxkeV=57			

		80/11/15		DOY=320			
Event # = 1697							H. Ang=3deg
80/11/15,01:01	DOY=320						
Start	Peak						
		SMM Pointing:					
GOES		End times					
HXRBS	01:00:55	01:01:10	01:01:40	Peak...c/s=77		MaxkeV=57	
Event # = 20492							H. Ang=3deg
80/11/15,01:11	DOY=320						
Start	Peak						
		SMM Pointing:					
GOES		End times					
HXIS	01:11			Peak...c/s=80			
Event # = 1698							H. Ang=3deg
80/11/15,05:59	DOY=320						
Start	Peak						
		SMM Pointing:					
GOES		End times					
HXRBS	05:59:30	05:59:55	06:00:30	Peak...c/s=150	Tot Cts=1140	MaxkeV=57	
Event # = 1699							H. Ang=3deg
80/11/15,07:55	DOY=320						
Start	Peak						
		SMM Pointing:					
GOES		End times					
HXRBS	07:50	07:55	07:56:20	Importance=C4			
	07:55:10	07:55:55	07:56:20	Peak...c/s=143	Tot Cts=1120	MaxkeV=57	
Event # = 1700							H. Ang=3deg
80/11/15,13:39	DOY=320						
Start	Peak						
		SMM Pointing:					
Optical		End times					
GOES	13:34	13:39	13:46	Ha...Class=SB	AR2779	Mac.=FKC	Carr. Lon.=102deg
HXRBS	13:35:50	13:37:10	13:41:20	Importance=M1			
				Peak...c/s=134	Tot Cts=7920	MaxkeV=57	
Event # = 1701							H. Ang=3deg
80/11/15,14:14	DOY=320						
Start	Peak						
		SMM Pointing:					
GOES		End times					
HXRBS	14:11	14:14	14:15	Importance=C7			
	14:12:45	14:14:40	14:25:25	Peak...c/s=109	Tot Cts=9120	MaxkeV=57	
Event # = 1702							H. Ang=3deg
80/11/15,15:53	DOY=320						
Start	Peak						
		SMM Pointing:					
Optical		End times					
GOES	15:40	15:53	16:26	Ha...Class=1B	AR2779	Mac.=FKC	Carr. Lon.=98deg
HXRBS	15:16:15	15:43:30	16:03:55	Importance=X1			
Radio	Frequency(MHz)/Flux(sfu):	606/140	1415/92	Peak...c/s=12939	Tot Cts=5.65E+6	MaxkeV=272	Flags=M
					4995/840	8800/1400	15400/840
Event # = 1703							H. Ang=3deg
80/11/15,17:16	DOY=320						
Start	Peak						
		SMM Pointing:					
GOES		End times					
HXRBS	17:15	17:16	17:20	Importance=C2			
	17:15:45	17:16:20	17:17:25	Peak...c/s=123	Tot Cts=1300	MaxkeV=57	

Event # = 1704	Start	End times	SMM Pointing:	NOOW00	H. Ang=3deg
80/11/15, 20:07	DOY=320	Peak			
Optical			Ha...Class=2B	S11W58	
GOES	19:56	20:07	Importance=M2	Qual=01	
HXRBS	19:50:10	19:59:45	Peak...c/s=1593	Tot Cts=3.05E+5	Carr. Lon.=101deg
Radio Sweeps			Type/Intensity:	MaxkeV=132	Flags=M
Radio	Frequency (MHz)/Flux(sfu):		245/86 410/170	606/57 1415/11 2695/25 4995/65 8800/140 15400/400	
Event # = 1705					
80/11/15, 21:33	DOY=320	Peak			
Optical			Ha...Class=1F	S12W21	
GOES	21:33:15	21:33:45	Peak...c/s=120	Qual=06	Pitch=+240", Yaw=-337", Roll=0deg
HXRBS	21:33:15	21:33:45	Peak...c/s=120	Qual=01	Carr. Lon.=30deg
Radio	Frequency (MHz)/Flux(sfu):		245/86 410/170	606/57 1415/11 2695/25 4995/65 8800/140 15400/400	
Event # = 1706					
80/11/15, 21:49	DOY=320	Peak			
Optical			Ha...Class=IN	S12W21	
GOES	21:44	21:49	Importance=M1	S10W54	
HXRBS	21:45:40	21:46:25	Peak...c/s=1219	Qual=01	Pitch=+240", Yaw=-337", Roll=0deg
Radio	Frequency (MHz)/Flux(sfu):		4995/22 8800/57 15400/93	Tot Cts=37400	Carr. Lon.=96deg
Event # = 1707					
80/11/15, 23:23	DOY=320	Peak			
Optical			Ha...Class=IN	S12W21	
GOES	23:20	23:23	Importance=C3	Qual=01	
HXRBS	23:22:10	23:23:40	Peak...c/s=69	Qual=01	Pitch=+240", Yaw=-337", Roll=0deg
Radio	Frequency (MHz)/Flux(sfu):		4995/22 8800/57 15400/93	MaxkeV=57	
Event # = 1696					
80/11/16, 00:04	DOY=321	Peak			
Optical			Ha...Class=1B	NOOW00	
GOES	23:50	00:04	Importance=M6	S14W48	
HXRBS	23:50:30	23:59:10	Peak...c/s=3520	Qual=03	
Radio	Frequency (MHz)/Flux(sfu):		606/21 1415/29 2695/10 4995/340 8800/450 15400/210	Tot Cts=1.17E+6	Carr. Lon.=89deg
Event # = 1708					
80/11/16, 03:04	DOY=321	Peak			
Optical			Ha...Class=1F	S12W21	
GOES	03:00	03:04	Importance=C6	S11W63	
HXRBS	03:01:05	03:01:55	Peak...c/s=1115	Qual=01	Pitch=+240", Yaw=-337", Roll=0deg
Radio	Frequency (MHz)/Flux(sfu):		2695/20 4995/51 8800/100	Tot Cts=41540	Carr. Lon.=102deg
HXRBS	03:11:00	03:11:45	Peak...c/s=182	Qual=01	Flags=M
Radio	Frequency (MHz)/Flux(sfu):		2695/20 4995/51 8800/100	MaxkeV=132	
Event # = 1709					
80/11/16, 03:04	DOY=321	Peak			
Optical			Ha...Class=1F	S12W21	
GOES	03:00	03:04	Importance=C6	S11W63	
HXRBS	03:01:05	03:01:55	Peak...c/s=1115	Qual=01	Pitch=+240", Yaw=-337", Roll=0deg
Radio	Frequency (MHz)/Flux(sfu):		2695/20 4995/51 8800/100	Tot Cts=41540	Carr. Lon.=102deg
HXRBS	03:11:00	03:11:45	Peak...c/s=182	Qual=01	Flags=M
Radio	Frequency (MHz)/Flux(sfu):		2695/20 4995/51 8800/100	MaxkeV=132	

Event # = 1710	DOY=321	SMM Pointing:	N00W00			H. Ang=3deg
80/11/16, 09:06	Peak	End times				
Optical						
GOES 08:59	09:06	09:28	Ha...Class=28	AR2788	Mac.=DAO	H. Ang=15deg
HXRBS 09:01:15	09:04:25	09:13:15	Importance=M8			
GRS 09:04:37		09:05:43	Peak...c/s=3909			
Radio Sweeps	Type/Intensity:		Max.E..MeV= 0.4	Tot Cts=3.90E+5	MaxkeV=272	Dur=66sec
Radio Frequency(MHz)/Flux(sfu):	11/3		245/340 410/150 606/82 1415/110 2695/200 4995/310 8800/310 15400/140	Nuclear.Line=N	>10MeV=N	
Event # = 1711	DOY=321	SMM Pointing:	N00W00			H. Ang=3deg
80/11/16, 10:49	Peak	End times				
GOES 10:48	10:49	10:52	Importance=C6			
HXRBS 10:48:20	10:48:45	10:49:40	Peak...c/s=135	Tot Cts=2320	MaxkeV=57	
Event # = 1712	DOY=321	SMM Pointing:	N00W00			H. Ang=3deg
80/11/16, 13:42	Peak	End times				
Optical						
GOES 13:12	13:42	14:22	Ha...Class=SN	AR2779	Mac.=FKC	H. Ang=64deg
HXRBS 13:30:45	13:31:00	13:31:55	Importance=C8			
Radio Frequency(MHz)/Flux(sfu):			Peak...c/s=78		MaxkeV=57	
			245/86 4995/4 8800/25			
Event # = 1713	DOY=321	SMM Pointing:	N00W00			H. Ang=3deg
80/11/16, 18:22	Peak	End times				
GOES 18:18	18:22	18:28	Importance=C3			
HXRBS 18:19:00	18:19:10	18:20:20	Peak...c/s=132	Tot Cts=1680	MaxkeV=57	
Event # = 1714	DOY=321	SMM Pointing:	N00W00			H. Ang=3deg
80/11/16, 19:08	Peak	End times				
GOES 19:06	19:08	19:11	Importance=C2			
HXRBS 19:07:45	19:08:20	19:08:55	Peak...c/s=75		MaxkeV=57	
Event # = 1717	DOY=321	SMM Pointing:	N00W00			H. Ang=3deg
80/11/16, 19:55	Peak	End times				
GOES 19:50	19:55	20:00	Importance=C6			
HXRBS 19:59:00	19:59:20	19:59:35	Peak...c/s=101	Tot Cts=525	MaxkeV=57	
			Associated Event # = 1715			
			Qual=01			
			Associated Event # = 1716			
			Qual=01			
			Associated Event # = 1716			
			Qual=01			
			Peak...c/s=69			
			Peak...c/s=69			
			Peak...c/s=69			
Event # = 1718	DOY=321	SMM Pointing:	N00W00			H. Ang=3deg
80/11/16, 20:01	Peak	End times				
GOES 20:00	20:01	20:06	Importance=C6			
HXRBS 20:00:35	20:01:15	20:03:25	Peak...c/s=622	Tot Cts=12920	MaxkeV=132	

Event # = 1719									
80/11/16, 20:09	DOY=321								H. Ang=3deg
Optical	Start	End times	SMM Pointing:	N00W00					
G0ES	20:06	20:09	Importance=M1	Qual=01					
HXRBS	20:05:45	20:06:55	Peak...c/s=169	Qual=01	Tot Cts=6900	MaxkeV=57			
Event # = 1720									
80/11/16, 20:28	DOY=321								H. Ang=3deg
Optical	Start	End times	SMM Pointing:	N00W00					
G0ES	20:12	20:28	Ha...Class=SF	N10E47	AR2794				
HXRBS	20:16:35	20:22:20	Importance=M3	Qual=01					
Radio	Frequency(MHz)/Flux(sfu):	245/100	Peak...c/s=1572	Qual=01	Tot Cts=2.28E+5	MaxkeV=272			
					410/110	606/77	1415/30	2695/44	4995/110 8800/170
Event # = 1721									
80/11/16, 21:49	DOY=321								H. Ang=3deg
Optical	Start	End times	SMM Pointing:	N00W00					
G0ES	21:46	21:49	Ha...Class=SF	N16E29	AR2790	Mac.=EAI			
HXRBS	21:47:35	21:48:40	Importance=C6	Qual=01	AR2779				
			Peak...c/s=66	Qual=01		MaxkeV=57			
Event # = 1722									
80/11/17, 05:49	DOY=322								H. Ang=3deg
Optical	Start	End times	SMM Pointing:	N00W00					
G0ES	05:42	05:49	Ha...Class=18	N17E28	AR2790	Mac.=ESI			
HXRBS	05:42:10	05:46:25	Importance=M1	Qual=01					
Radio	Frequency(MHz)/Flux(sfu):	245/40	Peak...c/s=160	Qual=01	Tot Cts=15332	MaxkeV=57			
					410/100	606/22	1415/20	2695/21	4995/16 8800/18
Event # = 1723									
80/11/17, 09:22	DOY=322								H. Ang=3deg
Optical	Start	End times	SMM Pointing:	N00W00					
G0ES	09:16	09:22	Ha...Class=S8	N16E25	AR2790	Mac.=ESI			
HXRBS	09:17:35	09:21:35	Importance=M1	Qual=01					
Radio	Frequency(MHz)/Flux(sfu):	245/22	Peak...c/s=131	Qual=01	Tot Cts=7600	MaxkeV=57			
					410/140	606/19	4995/18	8800/22	
Event # = 1724									
80/11/17, 13:42	DOY=322								H. Ang=2deg
Optical	Start	End times	SMM Pointing:	N00W00					
G0ES	13:32	13:42	Ha...Class=S8	S10W77	AR2779	Mac.=FKI			
HXRBS	13:33:50	13:37:50	Importance=M5	Qual=01					
Radio	Frequency(MHz)/Flux(sfu):	1415/5	Peak...c/s=3110	Qual=01	Tot Cts=7.21E+5	MaxkeV=132			
					2695/15	4995/49	8800/85	15400/21	
Event # = 1725									
80/11/17, 15:47	DOY=322								H. Ang=2deg
Optical	Start	End times	SMM Pointing:	N00W00					
G0ES	15:43	15:47	Ha...Class=SF	S10W87	AR2779	Mac.=FKI			
HXRBS	15:44:10	15:46:25	Importance=C3	Qual=01					
			Peak...c/s=207	Qual=01	Tot Cts=6720	MaxkeV=132			
HXRBS	15:48:15	15:48:45	Associated Event # = 1726	Qual=01	Tot Cts=799	MaxkeV=57			
			Peak...c/s=110	Qual=01					

Event # = 1727		DOY=322		SMM Pointing:		N00W00		H. Ang=2deg	
80/11/17	20:37	Start	Peak	End times					
Optical					Ha...Class=SF	N10E47	AR2794	Mac.=CR0	Carr. Lon.=329deg
GOES	20:21	20:37	20:44		Importance=C4	Qual=01			H. Ang=47deg
HXRBS	20:23:25	20:24:30	20:25:24		Peak....c/s=203	Qual=01	Tot Cts=4882	MaxkeV=57	
80/11/18		DOY=323		SMM Pointing:		N03W00		H. Ang=0deg	
80/11/18	04:28	Start	Peak	End times					
GOES	04:18:45	04:20:10	04:20:40		Peak....c/s=92	Qual=06		Pitch=-6", Yaw=-3", Roll=0deg	
HXRBS					Peak....c/s=376	Qual=01		MaxkeV=57	
HXIS									
Event # = 1729		DOY=323		SMM Pointing:		S12W86		H. Ang=86deg	
80/11/18	05:48	Start	Peak	End times					
Optical					Code=ASR	S10W90	AR2779	Mac.=DKI	Carr. Lon.=101deg
GOES	05:43	05:48	05:55		Importance=M1	Qual=01			H. Ang=90deg
HXRBS	05:44:15	05:45:50	05:47:00		Peak....c/s=1002	Qual=01	Tot Cts=26065	MaxkeV=132	Flags=M
HXIS		05:46			Peak....c/s=409				
Event # = 1730		DOY=323		SMM Pointing:		S12W86		H. Ang=86deg	
80/11/18	06:15	Start	Peak	End times					
Optical					Ha...Class=SF	N17E13	AR2790	Mac.=CAI	Carr. Lon.=358deg
GOES	06:14	06:15	06:20		Importance=C5	Qual=01			H. Ang=19deg
HXRBS	06:14:00	06:14:40	06:15:50		Peak....c/s=72	Qual=01		MaxkeV=57	
Event # = 1731		DOY=323		SMM Pointing:		S10W90		H. Ang=90deg	
80/11/18	07:24	Start	Peak	End times					
Optical					Code=ASR	S10W90	AR2779	Mac.=DKI	Carr. Lon.=100deg
GOES	07:16	07:24	07:36		Importance=C9	Qual=01			
HXRBS	07:16:15	07:18:20	07:25:10		Peak....c/s=1445	Qual=01	Tot Cts=55943	MaxkeV=272	Flags=M
HXIS		07:18			Peak....c/s=710				
Radio	Frequency(MHz)/Flux(sfu):				4995/38 8800/120 15400/31				
Event # = 5721		DOY=323		SMM Pointing:		S12W87		H. Ang=87deg	
80/11/18	09:06	Start	Peak	End times					
GOES	09:04	09:06	09:10		Importance=C3	Qual=01			
HXRBS	09:04:24	09:05:38	09:06:37		Peak....c/s=79	Qual=01		Pitch=+203", Yaw=-950", Roll=0deg	
HXIS		09:06			Peak....c/s=99			MaxkeV=57	Flags=I
Event # = 1732		DOY=323		SMM Pointing:		S12W86		H. Ang=86deg	
80/11/18	10:05	Start	Peak	End times					
Optical					Ha...Class=SB	N17W28	AR2788	Mac.=CR0	Carr. Lon.=37deg
GOES	09:53	10:05	10:28		Importance=M2	Qual=05			H. Ang=31deg
HXRBS	10:03:15	10:03:50	10:05:20		Peak....c/s=114	Qual=04	Tot Cts=623	MaxkeV=57	Flags=SN,ES
Radio	Frequency(MHz)/Flux(sfu):				1415/13 2695/38 4995/54 8800/68				

Event # = 20494		Pitch=+202", Yaw=-952", Roll=0deg									
80/11/18, 20:42		DOY=323									
Start		Peak									
20:34		20:42									
20:35		20:37									
20:37		20:37									
UVSP		19:46									
		SMM Pointing:									
		End times									
		Importance=C2									
		CaPeak.c/s=30									
		Peak3..c/s=21									
		Wavelength=1353A									
		Code=00									
		Exp # = 16383									
		FePeak=20:37									
		Qual=02									
		Qual= 2									
		FePeak.c/s=10									
		#Peaks=1									
		dt= 6.3s									
		XEN=32303									
		Rast=240"x240"									
		Step=10"									
		Cad= 590s									
		Pitch=+174", Yaw=-994"									
		Step=3"									
		Rast=180"x180"									
		Step=10"									
		Cad= 590s									
		Pitch=+260", Yaw=-944", Roll=0deg									
		Step=3"									
		Rast=240"x240"									
		Step=10"									
		Cad= 590s									
		Pitch=+260", Yaw=-944", Roll=0deg									
		Step=3"									
		Rast=240"x240"									
		Step=10"									
		Cad= 590s									
		Pitch=+260", Yaw=-944", Roll=0deg									
		Step=3"									
		Rast=240"x240"									
		Step=10"									
		Cad= 590s									
		Pitch=+260", Yaw=-944", Roll=0deg									
		Step=3"									
		Rast=240"x240"									
		Step=10"									
		Cad= 590s									
		Pitch=+260", Yaw=-944", Roll=0deg									
		Step=3"									
		Rast=240"x240"									
		Step=10"									
		Cad= 590s									
		Pitch=+260", Yaw=-944", Roll=0deg									
		Step=3"									
		Rast=240"x240"									
		Step=10"									
		Cad= 590s									
		Pitch=+260", Yaw=-944", Roll=0deg									
		Step=3"									
		Rast=240"x240"									
		Step=10"									
		Cad= 590s									
		Pitch=+260", Yaw=-944", Roll=0deg									
		Step=3"									
		Rast=240"x240"									
		Step=10"									
		Cad= 590s									
		Pitch=+260", Yaw=-944", Roll=0deg									
		Step=3"									
		Rast=240"x240"									
		Step=10"									
		Cad= 590s									
		Pitch=+260", Yaw=-944", Roll=0deg									
		Step=3"									
		Rast=240"x240"									
		Step=10"									
		Cad= 590s									
		Pitch=+260", Yaw=-944", Roll=0deg									
		Step=3"									
		Rast=240"x240"									
		Step=10"									
		Cad= 590s									
		Pitch=+260", Yaw=-944", Roll=0deg									
		Step=3"									
		Rast=240"x240"									
		Step=10"									
		Cad= 590s									
		Pitch=+260", Yaw=-944", Roll=0deg									
		Step=3"									
		Rast=240"x240"									
		Step=10"									
		Cad= 590s									
		Pitch=+260", Yaw=-944", Roll=0deg									
		Step=3"									
		Rast=240"x240"									
		Step=10"									
		Cad= 590s									
		Pitch=+260", Yaw=-944", Roll=0deg									
		Step=3"									
		Rast=240"x240"									
		Step=10"									
		Cad= 590s									
		Pitch=+260", Yaw=-944", Roll=0deg									
		Step=3"									
		Rast=240"x240"									
		Step=10"									
		Cad= 590s									
		Pitch=+260", Yaw=-944", Roll=0deg									
		Step=3"									
		Rast=240"x240"									
		Step=10"									
		Cad= 590s									
		Pitch=+260", Yaw=-944", Roll=0deg									
		Step=3"									
		Rast=240"x240"									
		Step=10"									
		Cad= 590s									
		Pitch=+260", Yaw=-944", Roll=0deg									
		Step=3"									
		Rast=240"x240"									
		Step=10"									
		Cad= 590s									
		Pitch=+260", Yaw=-944", Roll=0deg									
		Step=3"									
		Rast=240"x240"									
		Step=10"									
		Cad= 590s									
		Pitch=+260", Yaw=-944", Roll=0deg									
		Step=3"									
		Rast=240"x240"									
		Step=10"									
		Cad= 590s									
		Pitch=+260", Yaw=-944", Roll=0deg									
		Step=3"									
		Rast=240"x240"									
		Step=10"									
		Cad= 590s									
		Pitch=+260", Yaw=-944", Roll=0deg									
		Step=3"									
		Rast=240"x240"									
		Step=10"									
		Cad= 590s									
		Pitch=+260", Yaw=-944", Roll=0deg									
		Step=3"									
		Rast=240"x240"									
		Step=10"									
		Cad= 590s									
		Pitch=+260", Yaw=-944", Roll=0deg									
		Step=3"									
		Rast=240"x240"									
		Step=10"									
		Cad= 590s									
		Pitch=+260", Yaw=-944", Roll=0deg									
		Step=3"									
		Rast=240"x240"									
		Step=10"									
		Cad= 590s									
		Pitch=+260", Yaw=-944", Roll=0deg									
		Step=3"									
		Rast=240"x240"									
		Step=10"									
		Cad= 590s									
		Pitch=+260", Yaw=-944", Roll=0deg									
		Step=3"									
		Rast=240"x240"									
		Step=10"									
		Cad= 590s									
		Pitch=+260", Yaw=-944", Roll=0deg									
		Step=3"									
		Rast=240"x240"									
		Step=10"									
		Cad= 590s									
		Pitch=+260", Yaw=-944", Roll=0deg									
		Step=3"									
		Rast=240"x240"									
		Step=10"									
		Cad= 590s									
		Pitch=+260", Yaw=-944", Roll=0deg									
		Step=3"									
		Rast=240"x240"									
		Step=10"									
		Cad= 590s									
		Pitch=+260", Yaw=-944", Roll=0deg									
		Step=3"									
		Rast=240"x240"									
		Step=10"									
		Cad= 590s									
		Pitch=+260", Yaw=-944", Roll=0deg									
		Step=3"									
		Rast=240"x240"									
		Step=10"									
		Cad= 590s									
		Pitch=+260", Yaw=-944", Roll=0deg									
		Step=3"									
		Rast=240"x240"									
		Step=10"									
		Cad= 590s									
		Pitch=+260", Yaw=-944", Roll=0deg									
		Step=3"									
		Rast=240"x240"									
		Step=10"									
		Cad= 590s									
		Pitch=+260", Yaw=-944", Roll=0deg									
		Step=3"									
		Rast=240"x240"									
		Step=10"									
		Cad= 590s									
		Pitch=+260", Yaw=-944", Roll=0deg									
		Step=3"									
		Rast=240"x240"									
		Step=10"									
		Cad= 590s									
		Pitch=+260", Yaw=-944", Roll=0deg									
		Step=3"									
		Rast=240"x240"									
		Step=10"									
		Cad= 590s									
		Pitch=+260", Yaw=-944", Roll=0deg									
		Step=3"									
		Rast=240"x240"									
		Step=10"									
		Cad= 590s									
		Pitch=+260", Yaw=-944", Roll=0deg									
		Step=3"									
		Rast=240"x240"									
		Step=10"									
		Cad= 590s									
		Pitch=+260", Yaw=-944", Roll=0deg									
		Step=3"									
		Rast=240"x240"									
		Step=10"									
		Cad= 590s									
		Pitch=+260", Yaw=-944", Roll=0deg									
		Step=3"									
		Rast=240"x240"									
		Step=10"									
		Cad= 590s									
		Pitch=+260", Yaw=-944", Roll=0deg									
		Step=3"									
		Rast=240"x240"									
		Step=10"									
		Cad= 590s									
		Pitch=+260", Yaw=-944", Roll=0deg									
		Step=3"									
		Rast=240"x240"									
		Step=10"									
		Cad= 590s									
		Pitch=+260", Yaw=-944", Roll=0deg									
		Step=3"									
		Rast=240"x240"									
		Step=10"									
		Cad= 590s									
		Pitch=+260", Yaw=-944", Roll=0deg									
		Step=3"									
		Rast=240"x240"									
		Step=10"									
		Cad= 590s									
		Pitch=+260", Yaw=-944", Roll=0deg									
		Step=3"									
		Rast=240"x240"									
		Step=10"									
		Cad= 590s									
		Pitch=+260", Yaw=-944", Roll=0deg									
		Step=3"									
		Rast=240"x240"									
		Step=10"									
		Cad= 590s									
		Pitch=+260", Yaw=-944", Roll=0deg									
		Step=3"									
		Rast=240"x240"									
		Step=10"									
		Cad= 590s									
		Pitch=+260", Yaw=-944", Roll=0deg									
		Step=3"									
		Rast=240"x240"									
		Step=10"									
		Cad= 590s									
		Pitch=+260", Yaw=-944", Roll=0deg									
		Step=3"									
		Rast=240"x240"									
		Step=10"									
		Cad= 590s									
		Pitch=+260", Yaw=-944", Roll=0deg									
		Step=3"									
		Rast=240"x240"									
		Step=10"									
		Cad= 590s									
		Pitch=+260", Yaw=-944", Roll=0deg									
		Step=3"									
		Rast=240"x240"									
		Step=10"									
		Cad= 590s									
		Pitch=+260", Yaw=-944", Roll=0deg									
		Step=3"									
		Rast=240"x240"									
		Step=10"									
		Cad= 590s									
		Pitch=+260", Yaw=-944", Roll=0deg									
		Step=3"									
		Rast=240"x240"									
		Step=10"									
		Cad= 590s									
		Pitch=+260", Yaw=-944", Roll=0deg									
		Step=3"									
		Rast=240"x240"									
		Step=10"									
		Cad= 590s									
		Pitch=+260", Yaw=-944", Roll=0deg									
		Step=3"									
		Rast=240"x240"									
		Step=10"									
		Cad= 590s									
		Pitch=+260", Yaw=-944", Roll=0deg									
		Step=3"									
		Rast=240"x240"									
		Step=10"									
		Cad= 590s									
		Pitch=+260", Yaw=-944", Roll=0deg									
		Step=3"									
		Rast=240"x240"									
		Step=10"									
		Cad= 590s									
		Pitch=+260", Yaw=-944", Roll=0deg									
		Step=3"									
		Rast=240"x240"									
		Step=10"									
		Cad= 590s									
		Pitch=+260", Yaw=-944", Roll=0deg									
		Step=3"									
		Rast=240"x240"									
		Step=10"									
		Cad= 590s									
		Pitch=+260", Yaw=-944", Roll=0deg									
		Step=3"									
		Rast=240"x240"									
		Step=10"									
		Cad= 590s									
		Pitch=+260", Yaw=-944", Roll=0deg									
		Step=3"									
		Rast=240"x240"									
		Step=10"									
		Cad= 590s									
		Pitch=+260", Yaw=-944", Roll=0deg									
		Step=3"									
		Rast=240"x240"									
		Step=10"									
		Cad= 590s									
		Pitch=+260", Yaw=-944", Roll=0deg									
		Step=3"									
		Rast=240"x240"									
		Step=10"									
		Cad= 590s									
		Pitch=+260", Yaw=-944", Roll=0deg									
		Step=3"									
		Rast=240"x240"									
		Step=10"									
		Cad= 590s									
		Pitch=+260", Yaw=-944", Roll=0deg									
		Step=3"									
		Rast=240"x240"									
		Step=10"									
		Cad= 590s									
		Pitch=+260", Yaw=-944", Roll=0deg									
		Step=3"									
		Rast=240"x240"									
		Step=10"									
		Cad= 590s									
		Pitch=+260", Yaw=-944", Roll=0deg									
		Step=3"									
		Rast=240"x240"									
		Step=10"									
		Cad= 590s									
		Pitch=+260", Yaw=-944", Roll=0deg									
		Step=3"									
		Rast=240"x240"									
		Step=10"									
		Cad= 590s									
		Pitch=+260", Yaw=-944", Roll=0deg									
		Step=3"									
		Rast=240"x240"									
		Step=10"									
		Cad= 590s									
		Pitch=+260", Yaw=-944", Roll=0deg									
		Step=3"									
		Rast=240"x240"									
		Step=10"									
		Cad= 590s									
		Pitch=+260", Yaw=-944", Roll=0deg									
		Step=3"									
		Rast=240"x240"									
		Step=10"									
		Cad= 590s									
		Pitch=+260", Yaw=-944", Roll=0deg									
		Step=3"									
		Rast=240"x240"									
		Step=10"									
		Cad= 590s									
		Pitch=+260", Yaw=-944", Roll=0deg									
		Step=3"									
		Rast=240"x240"									
		Step=10"									
		Cad= 590s									
		Pitch=+260", Yaw=-944", Roll=0deg									
		Step=3"									
		Rast=240"x240"									
		Step=10"									
		Cad= 590s									
		Pitch=+260", Yaw=-944", Roll=0deg									
		Step=3"									
		Rast=240"x240"									
		Step=10"									
		Cad= 590s									
		Pitch=+260", Yaw=-944", Roll=0deg									
		Step=3"									
		Rast=240"x240"									
		Step=10"									
		Cad= 590s									
		Pitch=+260", Yaw=-944", Roll=0deg									
		Step=3"									
		Rast=240"x240"									
		Step=10"									
		Cad= 590s									
		Pitch=+260", Yaw=-944", Roll=0deg									
		Step=3"									
		Rast=240"x240"									
		Step=10"									
		Cad= 590s									
		Pitch=+260", Yaw=-944", Roll=0deg									
		Step=3"									
		Rast=240"x240"									
		Step=10"									
		Cad= 590s									

Event # = 1743	DOY=324	Start	End times	SMM Pointing:	Pitch=+258", Yaw=-941", Roll=0deg
Optical	Peak				
GOES	04:33	04:56	05:30	Code=ASR	AR2779
HXRBS	04:34:25	04:39:05	04:39:25	Importance=M9	Qual=02
BCS	04:34	04:38	04:39	Peak...c/s=321	Qual=03
FCS		04:38		CaPeak.c/s=549	Tot Cts=33035
HXIS		04:40		Peak3...c/s=207	FePeak=04:38
				Peak...c/s=1116	dt= 3.2s XEN=32400
					Rast=120"x120" Step=10" Cad= 147s 1.024s/pixel
Event # = 1744	DOY=324	Start	End times	SMM Pointing:	Pitch=+258", Yaw=-944", Roll=0deg
Optical	Peak				
GOES	05:30	05:46	06:00	Code=ASR	AR2779
HXRBS	05:33:00	05:42:05	05:49:48	Importance=M6	Qual=01
BCS	05:27	05:45	06:14	Peak...c/s=1480	Qual=01
FCS		05:52		CaPeak.c/s=2658	Tot Cts=2.80E+5
HXIS		05:41		Peak3...c/s=3279	FePeak=05:44
				Peak...c/s=3603	dt= 6.3s XEN=32401
					Rast=240"x240" Step=10" Cad= 590s 1.024s/pixel
BCS	05:27	05:39	05:40	Associated Event # = 20497	
FCS		05:28			
					Rast=240"x240" Step=10" Cad= 590s
Event # = 1745	DOY=324	Start	End times	SMM Pointing:	Pitch=+260", Yaw=-937", Roll=0deg
Optical	Peak				
GOES	08:49	08:55	09:02	Ha...Class=SB	AR2790
HXRBS	08:51:40	08:52:00	08:52:30	Importance=C4	Qual=01
UVSP	08:44			Peak...c/s=95	Qual=01
				Wavelength=1353A	Code=00
					Exp #=16412
					Pitch=+235", Yaw=-976"
Event # = 1746	DOY=324	Start	End times	SMM Pointing:	Pitch=+259", Yaw=-944", Roll=0deg
Optical	Peak				
Optical				Ha...Class=SB	AR2790
Optical				Ha...Class=SF	AR2788
Optical				Ha...Class=SF	AR2793
GOES	12:35	12:40	12:50	Importance=C6	Qual=02
HXRBS	12:36:15	12:37:15	12:38:22	Peak...c/s=440	Qual=01
UVSP	12:02			Wavelength=1353A	Code=00
Radio	Frequency(MHz)/Flux(sfu):			2695/30 4995/56 8800/44	
					Tot Cts=14894
					Exp #=16418
					Pitch=+192", Yaw=-931"
Event # = 1747	DOY=324	Start	End times	SMM Pointing:	Pitch=+259", Yaw=-944", Roll=0deg
Optical	Peak				
GOES	12:50	13:02	13:36	Importance=C9	Qual=05
HXRBS	13:35:55	13:36:10	13:36:21	Peak...c/s=150	Qual=01
BCS	13:11	13:14	13:23	CaPeak.c/s=75	Qual= 4
FCS		13:16		Peak3...c/s=207	
HXIS		13:14		Peak...c/s=128	
UVSP	13:13			Wavelength=1350A	
					Exp #=16419
					Event # = 1748
					Tot Cts=1020
					Exp #=16421
					Pitch=+319", Yaw=-891"
HXRBS	13:36:30	13:36:50	13:37:14	Associated	
UVSP	13:19			Qual=01	
					MaxkeV=132
					Rast=4"x4"
					Step=0"
					Pitch=+192", Yaw=-939"

Event # = 1749	DOY=324	SMM Pointing:	Pitch=+259", Yaw=-944", Roll=0deg
80/11/19, 14:49	Peak	End times	
G0ES 14:45	14:49	14:51	
HXRBS 14:47:50	14:48:05	14:48:30	
UVSP 14:49			
		Qual=04	
		Importance=C1	
		Peak...c/s=129	
		Wave length=1347A	
		Code=02	
		Tot Cts=927	
		Exp # = 16422	
		MaxkeV=57	
		Rast=3"x3"	
		Step=0"	Pitch=+319", Yaw=-892"
Event # = 1750	DOY=324	SMM Pointing:	Pitch=+259", Yaw=-942", Roll=0deg
80/11/19, 17:06	Peak	End times	
Optical			
G0ES 17:06:05	17:06:15	17:06:39	
HXRBS 16:32			
UVSP			
		Ha...Class=SB	
		N09E31	
		Qual=06	
		Qual=01	
		Peak...c/s=121	
		Wave length=1353A	
		Tot Cts=431	
		Exp # = 16427	
		MaxkeV=510	
		Rast=180"x180"	
		Step=3"	Pitch=+232", Yaw=-980"
Event # = 1751	DOY=324	SMM Pointing:	Pitch=+260", Yaw=-944", Roll=0deg
80/11/19, 21:22	Peak	End times	
Optical			
G0ES 21:20	21:22	21:30	
HXRBS 21:22:15	21:22:50	21:23:14	
UVSP 21:18			
		Ha...Class=SF	
		N14E28	
		Qual=01	
		Qual=01	
		Peak...c/s=111	
		Wave length=1353A	
		Code=00	
		Tot Cts=887	
		Exp # = 16436	
		MaxkeV=57	
		Rast=180"x180"	
		Step=3"	Pitch=+232", Yaw=-980"
Event # = 1752	DOY=324	SMM Pointing:	Pitch=+260", Yaw=-944", Roll=0deg
80/11/19, 21:48	Peak	End times	
Optical			
G0ES 21:32	21:48	22:00	
HXRBS 21:32:15	21:43:35	21:51:34	
UVSP 21:18			
Radio			
		Frequency(MHz)/Flux(sfu):	
		8800/70 15400/50	
Event # = 1753	DOY=324	SMM Pointing:	Pitch=+260", Yaw=-944", Roll=0deg
80/11/19, 22:10	Peak	End times	
Optical			
G0ES 22:01	22:10	22:40	
HXRBS 22:02:40	22:03:00	22:03:27	
BCS 22:04	22:10	22:12	
FCS	22:11		
HXIS	22:10		
UVSP			
Radio			
		Frequency(MHz)/Flux(sfu):	
		8800/340	
		Importance=C6	
		Peak...c/s=107	
		CaPeak.c/s=114	
		Peak3...c/s=56	
		Peak...c/s=188	
		Wave length=1353A	
		Code=00	
		Exp # = 16437	
		Rast=48"x48"	
		Step=3"	Pitch=+212", Yaw=-928"
		Associated Event # = 1754	
		Qual=01	
		Peak...c/s=78	
		Wave length=1353A	
		Exp # = 16436	
		MaxkeV=57	
		Rast=180"x180"	
		Step=3"	Pitch=+232", Yaw=-980"

Event # = 20499		80/11/20		DOY=325	
80/11/20, 04:43		S15W86		Pitch=+260", Yaw=-936", Roll=0deg	
Optical		SMM Pointing:		Mac.=EAI	
GOES 04:34		Ha...Class=IN		Carr. Lon.=319deg	
BCS 04:32		Importance=M1		#Peaks=1	
FCS 04:34		CaPeak.c/s=35		dt= 6.3s	
UVSP 05:22		Peak3..c/s=14		Step=0"	
Radio		Wavelength=1347A		Step=0"	
Frequency (MHz)/Flux(sfu):		2695/77 4995/350 8800/440 15400/96		Cad=30.7s	
				Pitch=+319", Yaw=-892"	
				XEN=32500	
				30.72s/pixel	
				H. Ang=87deg	
				H. Ang=28deg	
				XEN=32501	
				1.024s/pixel	
				Pitch=+235", Yaw=-976"	
				Step=10"	
				Rast=180"x180"	
				Step=15"	
				Cad= 147s	
				Step=15"	
				Rast=180"x180"	
				Step=10"	
				Pitch=+235", Yaw=-976"	
				Step=10"	
				Rast=180"x180"	
				Step=10"	
				Pitch=+235", Yaw=-976"	
				Step=10"	
				Rast=180"x180"	
				Step=10"	
				Pitch=+235", Yaw=-976"	
				Step=10"	
				Rast=180"x180"	
				Step=10"	
				Pitch=+235", Yaw=-976"	
				Step=10"	
				Rast=180"x180"	
				Step=10"	
				Pitch=+235", Yaw=-976"	
				Step=10"	
				Rast=180"x180"	
				Step=10"	
				Pitch=+235", Yaw=-976"	
				Step=10"	
				Rast=180"x180"	
				Step=10"	
				Pitch=+235", Yaw=-976"	
				Step=10"	
				Rast=180"x180"	
				Step=10"	
				Pitch=+235", Yaw=-976"	
				Step=10"	
				Rast=180"x180"	
				Step=10"	
				Pitch=+235", Yaw=-976"	
				Step=10"	
				Rast=180"x180"	
				Step=10"	
				Pitch=+235", Yaw=-976"	
				Step=10"	
				Rast=180"x180"	
				Step=10"	
				Pitch=+235", Yaw=-976"	
				Step=10"	
				Rast=180"x180"	
				Step=10"	
				Pitch=+235", Yaw=-976"	
				Step=10"	
				Rast=180"x180"	
				Step=10"	
				Pitch=+235", Yaw=-976"	
				Step=10"	
				Rast=180"x180"	
				Step=10"	
				Pitch=+235", Yaw=-976"	
				Step=10"	
				Rast=180"x180"	
				Step=10"	
				Pitch=+235", Yaw=-976"	
				Step=10"	
				Rast=180"x180"	
				Step=10"	
				Pitch=+235", Yaw=-976"	
				Step=10"	
				Rast=180"x180"	
				Step=10"	
				Pitch=+235", Yaw=-976"	
				Step=10"	
				Rast=180"x180"	
				Step=10"	
				Pitch=+235", Yaw=-976"	
				Step=10"	
				Rast=180"x180"	
				Step=10"	
				Pitch=+235", Yaw=-976"	
				Step=10"	
				Rast=180"x180"	
				Step=10"	
				Pitch=+235", Yaw=-976"	
				Step=10"	
				Rast=180"x180"	
				Step=10"	
				Pitch=+235", Yaw=-976"	
				Step=10"	
				Rast=180"x180"	
				Step=10"	
				Pitch=+235", Yaw=-976"	
				Step=10"	
				Rast=180"x180"	
				Step=10"	
				Pitch=+235", Yaw=-976"	
				Step=10"	
				Rast=180"x180"	
				Step=10"	
				Pitch=+235", Yaw=-976"	
				Step=10"	
				Rast=180"x180"	
				Step=10"	
				Pitch=+235", Yaw=-976"	
				Step=10"	
				Rast=180"x180"	
				Step=10"	
				Pitch=+235", Yaw=-976"	
				Step=10"	
				Rast=180"x180"	
				Step=10"	
				Pitch=+235", Yaw=-976"	
				Step=10"	
				Rast=180"x180"	
				Step=10"	
				Pitch=+235", Yaw=-976"	
				Step=10"	
				Rast=180"x180"	
				Step=10"	
				Pitch=+235", Yaw=-976"	
				Step=10"	
				Rast=180"x180"	
				Step=10"	
				Pitch=+235", Yaw=-976"	
				Step=10"	
				Rast=180"x180"	
				Step=10"	
				Pitch=+235", Yaw=-976"	
				Step=10"	
				Rast=180"x180"	
				Step=10"	
				Pitch=+235", Yaw=-976"	
				Step=10"	
				Rast=180"x180"	

Event # = 20502	80/11/21, 10:04	DOY=326	SMM Pointing:	N02W00	Pitch=+0", Yaw=-1", Roll=0deg	H. Ang=0deg
Start	09:58	10:04	Importance=M1	Qual=05		
GOES	10:12	10:12	CaPeak.c/s=89	Qual=5	FePeak.c/s=12 #Peaks=1	XEN=32601
BCS	10:12	10:12	Peak3...c/s=1716		Rast=115"x115" Step=5" Cad= 542s	1.024s/pixel
FCS	10:24	10:12	Wave length=2916A		Rast=120"x120" Step=3" Pitch=-6", Yaw=+960"	
UVSP	10:24		2695/39 4995/94 8800/67		Exp #=16536	
Radio	Frequency (MHz)/Flux(sfu):		Associated	Event # = 21060		
BCS	10:30	10:30	CaPeak.c/s=21	Qual=1	FePeak.c/s=8 #Peaks=1	XEN=32602
UVSP	10:30	10:30	Wave length=2916A		Rast=120"x120" Step=3" Pitch=-6", Yaw=-988"	
BCS	10:35	10:35	Associated	Event # = 21061		
UVSP	10:35	10:35	CaPeak.c/s=22	Qual=1	FePeak.c/s=5 #Peaks=1	XEN=32603
			Wave length=2916A		Rast=120"x120" Step=3" Pitch=+980", Yaw=-14"	
Event # = 20503	80/11/21, 17:05	DOY=326	SMM Pointing:	N11E10	Pitch=-152", Yaw=+167", Roll=0deg	H. Ang=13deg
Start	17:03	17:05	Importance=B9	Qual=01	Mac.=EAI	
GOES	17:02	17:05	CaPeak.c/s=12			
BCS	17:02	17:05	Wave length=1548A	Code=00	Rast=108"x108" Step=3" Pitch=-162", Yaw=+133"	
UVSP	16:24			Exp #=16557		
Event # = 21064	80/11/22, 04:13	DOY=327	SMM Pointing:	N11E03	Pitch=-150", Yaw=+54", Roll=0deg	H. Ang=9deg
Start	03:36	04:13	Ha...Class=1F	N11E05	Mac.=EAI Carr. Lon.=314deg	H. Ang=10deg
GOES	04:12	04:15	Importance=C2	Qual=01		
BCS	04:12	04:15	CaPeak.c/s=24	Qual=1	FePeak.c/s=7 dt= 6.3s	XEN=32703
FCS	04:13	04:13	Peak3...c/s=119		Rast=0"x0" Step=0" Cad=30.7s	30.72s/pixel
UVSP	03:50		Wave length=1402A	Code=00	Rast=60"x60" Step=4" Pitch=-169", Yaw=-7"	
BCS	03:57	03:57	Associated	Exp #=16581		
BCS	03:59	03:59	CaPeak.c/s=18	Qual=1	Event # = 21062	XEN=32700
BCS	03:59	03:59	Associated	FePeak=03:57	#Peaks=1	
BCS	04:02	04:02	CaPeak.c/s=19	Qual=1	Event # = 21063	XEN=32701
			Associated	FePeak=03:59	#Peaks=1	
			Associated	Event # = 21065		
			Qual=1	FePeak=04:02	#Peaks=1	XEN=32702
Event # = 1757	80/11/22, 05:35	DOY=327	SMM Pointing:	N11E03	Pitch=-150", Yaw=+51", Roll=0deg	H. Ang=9deg
Start	05:29	05:35	Ha...Class=2N	N11W02	Mac.=EAI Carr. Lon.=320deg	H. Ang=9deg
GOES	05:29	05:35	Importance=C9	Qual=01		
HXRBS	05:29:35	05:32:55	Peak...c/s=87	Qual=01	MaxkeV=57	XEN=32705
BCS	05:13	05:38	CaPeak.c/s=234	Qual=1	FePeak.c/s=49 dt= 3.2s	1.024s/pixel
FCS	05:53	05:53	Peak3...c/s=357		Rast=180"x180" Step=15" Cad= 147s	
HXIS	05:25	05:39	Peak...c/s=244			
UVSP	05:25	05:39	Wave length=1402A	Code=00	Rast=60"x60" Step=4" Pitch=-153", Yaw=-82"	

Event # = 1764									
80/11/24, 08:44	DOY=329	Peak	SMM Pointing:		N00W00				H. Ang=2deg
GOES 08:40	08:44	09:00	Importance=C1		Qual=01				
HXRBS 08:43:00	08:43:30	08:44:33	Peak...c/s=110		Qual=01			MaxkeV=57	
					Associated Event # = 1763				
HXRBS 08:40:15	08:40:35	08:41:00	Peak...c/s=71		Qual=01			MaxkeV=57	

Event # = 1765									
80/11/24, 13:55	DOY=329	Peak	SMM Pointing:		N00W00				H. Ang=2deg
Optical									
GOES 13:42	13:55	14:12	Ha...Class=1B		N07W24				
HXRBS 13:45:05	13:48:20	13:55:16	Importance=C7		Qual=03			Mac.=EAI	H. Ang=25deg
Radio			Peak...c/s=203		Qual=01				
					Tot Cts=21457			MaxkeV=57	
Radio Frequency(MHz)/Flux(sfu): 2695/22 4995/28									

Event # = 1766									
80/11/24, 14:37	DOY=329	Peak	SMM Pointing:		N00W00				H. Ang=2deg
Optical									
GOES 14:31	14:37	14:42	Ha...Class=SN		N10W47				
HXRBS 14:33:35	14:34:00	14:36:50	Importance=C5		Qual=01			Mac.=EAI	H. Ang=47deg
Radio			Peak...c/s=275		Qual=01			Flags=M	
					Tot Cts=7559			MaxkeV=132	
Radio Frequency(MHz)/Flux(sfu): 2695/63 4995/56									

Event # = 1767									
80/11/24, 17:02	DOY=329	Peak	SMM Pointing:		N00W00				H. Ang=2deg
Optical									
GOES 17:00	17:02	17:13	Ha...Class=SN		N09W26			Mac.=EAI	H. Ang=27deg
HXRBS 17:01:00	17:02:05	17:03:48	Importance=C2		Qual=01			MaxkeV=57	
					Tot Cts=3177				

Event # = 1768									
80/11/24, 19:31	DOY=329	Peak	SMM Pointing:		N00W00				H. Ang=2deg
GOES 19:00	19:31	20:05	Importance=C1		Qual=01				
HXRBS 19:28:10	19:31:10	19:46:21	Peak...c/s=254		Qual=01			MaxkeV=273	
Radio			Type/Intensity: 11/3						
					Tot Cts=37758				
Radio Frequency(MHz)/Flux(sfu): 1415/49 2695/25									

Event # = 1769									
80/11/24, 22:52	DOY=329	Peak	SMM Pointing:		N00W00				H. Ang=2deg
GOES 22:51:55	22:52:10	22:53:45	Peak...c/s=75		Qual=06			MaxkeV=273	
HXRBS					Qual=01				
					80/11/25 DOY=330				

Event # = 1770									
80/11/25, 02:31	DOY=330	Peak	SMM Pointing:		N00W00				H. Ang=2deg
Optical									
GOES 02:26	02:31	02:37	Ha...Class=1F		N16W67			Mac.=DA0	H. Ang=67deg
HXRBS 02:28:15	02:30:00	02:31:00	Importance=C5		Qual=01			MaxkeV=58	
					AR2801				
Carr. Lon.=348deg									

Event # = 1771									
80/11/25,06:50	DOY=330	Peak	End times	SMM Pointing:	N00W00				H. Ang=2deg
GOES 06:49	06:50	06:50	06:51	Importance=C2	Qual=01				
HXRBS 06:49:40	06:50:10	06:51:09	06:51:09	Peak...c/s=108	Qual=01	Tot Cts=995	MaxkeV=58		
Event # = 1772									
80/11/25,06:56	DOY=330	Peak	End times	SMM Pointing:	N00W00				H. Ang=2deg
GOES 06:51	06:56	06:56	07:02	Importance=C4	Qual=01				
HXRBS 06:54:50	06:56:20	06:57:28	06:57:28	Peak...c/s=205	Qual=01	Tot Cts=6086	MaxkeV=132		
Event # = 1773									
80/11/25,09:03	DOY=330	Peak	End times	SMM Pointing:	N00W00				H. Ang=2deg
GOES 08:54	09:03	09:06	09:06	Importance=C3	Qual=01				
HXRBS 09:01:15	09:02:25	09:03:44	09:03:44	Peak...c/s=113	Qual=01	Tot Cts=1650	MaxkeV=58		
Event # = 1774									
80/11/26,08:03	DOY=331	Peak	End times	SMM Pointing:	N00W00				H. Ang=1deg
Optical				Ha...Class=SB	N09W66				
GOES 07:56	08:03	08:24	08:24	Importance=C4	Qual=05	AR2794	Mac. =EAI	Carr. Lon. =330deg	H. Ang=66deg
HXRBS 08:13:05	08:13:30	08:13:50	08:13:50	Peak...c/s=79	Qual=01		MaxkeV=58		
Event # = 1775									
80/11/26,10:36	DOY=331	Peak	End times	SMM Pointing:	N00W00				H. Ang=1deg
GOES 10:36:15	10:36:25	10:36:35	10:36:35	Peak...c/s=81	Qual=00		MaxkeV=58		
HXRBS 10:36:15	10:36:25	10:36:35	10:36:35	Peak...c/s=81	Qual=01				
Event # = 1776									
80/11/26,16:06	DOY=331	Peak	End times	SMM Pointing:	N00W00				H. Ang=1deg
GOES 16:02	16:06	16:14	16:14	Importance=C4	Qual=01				
HXRBS 16:04:15	16:04:35	16:06:20	16:06:20	Peak...c/s=80	Qual=01		MaxkeV=58		
Event # = 5731									
80/11/27,02:32	DOY=332	Peak	End times	SMM Pointing:	N00W00				H. Ang=1deg
GOES 02:30	02:32	02:34	02:34	Importance=C1	Qual=01				
HXRBS 02:32:52	02:33:10	02:33:22	02:33:22	Peak...c/s=74	Qual=01		MaxkeV=58	Flags=I	
Event # = 1777									
80/11/27,09:52	DOY=332	Peak	End times	SMM Pointing:	N00W00				H. Ang=1deg
GOES 09:51	09:52	09:56	09:56	Importance=C2	Qual=01				
HXRBS 09:51:30	09:52:15	09:52:45	09:52:45	Peak...c/s=72	Qual=01		MaxkeV=58		
Event # = 1778									
80/11/27,11:37	DOY=332	Peak	End times	SMM Pointing:	N00W00				H. Ang=1deg
GOES 11:36	11:37	11:39	11:39	Importance=C2	Qual=01				
HXRBS 11:36:20	11:36:40	11:37:14	11:37:14	Peak...c/s=143	Qual=01	Tot Cts=853	MaxkeV=58		

Event # = 1786									
80/11/30, 15:13	Start	DOY=335	Peak	End times	SMM Pointing:	N00W00			H.Ang=1deg
GOES						Qual=00			
HXRBS	15:12:05	15:13:00	15:14:35	Peak...c/s=180		Qual=03	Tot Cts=10687	MaxkeV=132	Flags=EN
80/12/01 DOY=336									
Event # = 1787									
80/12/01, 00:15	Start	DOY=336	Peak	End times	SMM Pointing:	N00W00			H.Ang=1deg
Optical									
GOES	00:08	00:15	00:23	Ha...Class=SN		S12E31			
HXRBS	00:09:25	00:11:35	00:12:10	Importance=C3		Qual=01	AR2810	Mac.=EKI	Carr. Lon.=172deg
				Peak...c/s=108		Qual=01	Tot Cts=2711	MaxkeV=58	
Event # = 1788									
80/12/01, 06:31	Start	DOY=336	Peak	End times	SMM Pointing:	N00W00			H.Ang=1deg
Optical									
GOES	06:24	06:31	06:41	Ha...Class=SB		S11E24			
HXRBS	06:25:05	06:26:00	06:28:15	Ha...Class=SF		N13W35			
Radio	Frequency(MHz)/Flux(sfu):	1415/84	4995/21	Importance=C5		Qual=01	AR2810	Mac.=EKI	Carr. Lon.=175deg
				Peak...c/s=84		Qual=01	AR2803		Carr. Lon.=234deg
				1415/84 4995/21 8800/14				MaxkeV=58	
Event # = 1789									
80/12/01, 11:37	Start	DOY=336	Peak	End times	SMM Pointing:	N00W00			H.Ang=1deg
GOES	11:32	11:37	11:40	Importance=C2		Qual=01			
HXRBS	11:32:35	11:33:50	11:36:10	Peak...c/s=77		Qual=01	Tot Cts=1448	MaxkeV=58	
Radio	Frequency(MHz)/Flux(sfu):	245/160	410/40						
Event # = 1790									
80/12/01, 13:30	Start	DOY=336	Peak	End times	SMM Pointing:	N00W00			H.Ang=1deg
GOES									
HXRBS	13:29:30	13:30:15	13:32:05	Peak...c/s=76		Qual=00			
						Qual=01		MaxkeV=58	
Event # = 1791									
80/12/01, 19:33	Start	DOY=336	Peak	End times	SMM Pointing:	N00W00			H.Ang=1deg
Optical									
GOES	19:27	19:33	19:40	Ha...Class=SB		S11E20			
HXRBS	19:29:30	19:30:50	19:32:15	Importance=C4		Qual=02	AR2810	Mac.=EKI	Carr. Lon.=172deg
Radio Sweeps	Type/Intensity:	111/1		Peak...c/s=1313		Qual=01	Tot Cts=20077	MaxkeV=132	Flags=M
Radio	Frequency(MHz)/Flux(sfu):	4995/93	8800/270	15400/88					
80/12/02 DOY=337									
Event # = 1793									
80/12/02, 06:30	Start	DOY=337	Peak	End times	SMM Pointing:	N00W00			H.Ang=1deg
Optical									
GOES	06:23	06:30	06:42	Ha...Class=1B		S13E13			
HXRBS	06:24:45	06:27:10	06:29:55	Importance=M1		Qual=01	AR2810	Mac.=EKI	Carr. Lon.=173deg
Radio	Frequency(MHz)/Flux(sfu):	2695/13	4995/44	8800/22	15400/16		Tot Cts=10269	MaxkeV=58	
HXRBS	06:19:15	06:19:50	06:21:23	Peak...c/s=139		Qual=01	Tot Cts=4566	MaxkeV=58	

Event # = 1794									
80/12/02,07:46	DOY=337								H. Ang=1deg
Start	Peak	End times	SMM Pointing:	N00W00					
GOES 07:45	07:46	07:48	Importance=C2	Qual=01					
HRBS 07:45:40	07:46:10	07:46:20	Peak...c/s=316	Qual=01					
					Tot Cts=1862			MaxkeV=132	
Event # = 1795									
80/12/02,07:49	DOY=337								H. Ang=1deg
Start	Peak	End times	SMM Pointing:	N00W00					
GOES 07:48	07:49	07:51	Importance=C2	Qual=01					
HRBS 07:48:40	07:49:05	07:49:15	Peak...c/s=594	Qual=01					
					Tot Cts=5067			MaxkeV=273	
Event # = 1796									
80/12/02,11:28	DOY=337								H. Ang=1deg
Start	Peak	End times	SMM Pointing:	N00W00					
Optical			Ha...Class=SB	S11E12					
GOES 11:18	11:28	11:57	Importance=M7	Qual=01					
HRBS 11:18:55	11:23:45	11:41:37	Peak...c/s=6489	Qual=01					
Radio Frequency(MHz)/Flux(sfu):	4995/37	8800/250							
					Tot Cts=1.23E+6			MaxkeV=158	
					Flags=M				
									Carr. Lon.=171deg
Event # = 1797									
80/12/02,12:48	DOY=337								H. Ang=1deg
Start	Peak	End times	SMM Pointing:	N00W00					
Optical			Ha...Class=SN	N16W60					
GOES 12:35	12:48	13:15	Importance=M2	Qual=01					
HRBS 12:36:55	12:43:10	12:52:33	Peak...c/s=814	Qual=01					
Radio Frequency(MHz)/Flux(sfu):	4995/71	8800/140							
					Tot Cts=2.02E+5			MaxkeV=132	
					Flags=FS				
									Carr. Lon.=243deg
Event # = 1798									
80/12/02,17:28	DOY=337								H. Ang=1deg
Start	Peak	End times	SMM Pointing:	N00W00					
Optical			Ha...Class=SF	S10E13					
GOES 17:27	17:28	17:29	Importance=C1	Qual=01					
HRBS 17:27:40	17:28:15	17:29:00	Peak...c/s=99	Qual=01					
									Carr. Lon.=167deg
									Mac.=CR0
									MaxkeV=58
Event # = 1799									
80/12/02,19:25	DOY=337								H. Ang=1deg
Start	Peak	End times	SMM Pointing:	N00W00					
Optical			Ha...Class=SN	S15E06					
GOES 19:18	19:25	19:45	Importance=C3	Qual=01					
HRBS 19:20:30	19:21:40	19:24:45	Peak...c/s=160	Qual=01					
Radio Frequency(MHz)/Flux(sfu):	606/17	4995/14							
					Tot Cts=5481			MaxkeV=58	
									Carr. Lon.=173deg
									Mac.=EKI
									MaxkeV=58
80/12/03 DOY=338									
Event # = 1800									
80/12/03,00:06	DOY=338								H. Ang=1deg
Start	Peak	End times	SMM Pointing:	N00W00					
Optical			Ha...Class=1B	S11W00					
GOES 23:50	00:06	00:41	Importance=C7	Qual=01					
HRBS 23:54:45	23:58:00	00:00:23	Peak...c/s=124	Qual=01					
					Tot Cts=6382			MaxkeV=58	
									Carr. Lon.=176deg
									Mac.=EKI
									MaxkeV=58

Event # = 1801									
80/12/03,00:26	DOY=338	Peak	End times	SMM Pointing:	N00W00				H. Ang = 1deg
Optical				Ha...Class=SN					
GOES 00:20	00:26	00:35	00:24:28	Importance=C3	Qual=03	AR2812	Mac.=EK0	Carr. Lon.=239deg	H. Ang=64deg
HXRBS 00:22:55	00:23:35	00:24:28		Peak...c/s=103	Qual=01	Tot Cts=1080	MaxkeV=58	Flags=EW	
Event # = 1802									
80/12/03,11:01	DOY=338	Peak	End times	SMM Pointing:	N00W00				H. Ang=1deg
GOES 10:58	11:01	11:04	10:59:05	Importance=C1	Qual=02				
HXRBS 10:58:05	10:58:15	10:59:05		Peak...c/s=93	Qual=01		MaxkeV=58	Flags=EW	
Event # = 1803									
80/12/04,06:12	DOY=339	Peak	End times	SMM Pointing:	N00W00				H. Ang=0deg
Optical				Ha...Class=1N					
GOES 06:09	06:12	06:20	06:13:10	Importance=C2	Qual=01	AR2810	Mac.=EK1	Carr. Lon.=173deg	H. Ang=17deg
HXRBS 06:10:45	06:11:40	06:13:10		Peak...c/s=99	Qual=01		MaxkeV=58		
HXRBS 06:14:35	06:15:10	06:15:40		Peak...c/s=74	Qual=01	Associated Event # = 1804	MaxkeV=58		
Event # = 1805									
80/12/04,11:20	DOY=339	Peak	End times	SMM Pointing:	N00W00				H. Ang=0deg
GOES 11:17	11:20	11:22	11:20:20	Importance=C2	Qual=01				
HXRBS 11:19:10	11:19:20	11:20:20		Peak...c/s=127	Qual=01	Tot Cts=775	MaxkeV=58		
Event # = 1806									
80/12/04,12:29	DOY=339	Peak	End times	SMM Pointing:	N00W00				H. Ang=0deg
GOES 12:27	12:29	12:40	12:30:25	Importance=C1	Qual=01				
HXRBS 12:28:40	12:29:25	12:30:25		Peak...c/s=85	Qual=01		MaxkeV=58		
Event # = 1807									
80/12/05,04:46	DOY=340	Peak	End times	SMM Pointing:	N00W00				H. Ang=0deg
Optical				Ha...Class=1N					
GOES 04:42	04:46	04:49	04:45:54	Importance=C2	Qual=01	AR2824	Mac.=HSX	Carr. Lon.=99deg	H. Ang=50deg
HXRBS 04:43:45	04:44:15	04:45:54		Peak...c/s=575	Qual=01	Tot Cts=14852	MaxkeV=133		
Radio Frequency(MHz)/Flux(sfu):	4995/32	8800/14							
Event # = 1808									
80/12/05,11:09	DOY=340	Peak	End times	SMM Pointing:	N00W00				H. Ang=0deg
GOES 11:04	11:09	11:12	11:07:00	Importance=C2	Qual=01				
HXRBS 11:06:00	11:06:25	11:07:00		Peak...c/s=78	Qual=01		MaxkeV=58		
Event # = 1809									
80/12/05,11:27	DOY=340	Peak	End times	SMM Pointing:	N00W00				H. Ang=0deg
GOES 11:24	11:27	11:29	11:28:23	Importance=C2	Qual=01				
HXRBS 11:26:30	11:26:50	11:28:23		Peak...c/s=342	Qual=01	Tot Cts=4673	MaxkeV=133		

80/12/08 DOY=343									
Event # = 1819		80/12/08,07:23		DOY=343		Peak		SMM Pointing:	
Optical	Start	End times	Ha...Class=SN						
GOES	07:10	07:23	Importance=C3						
GOES	07:21:30	07:23:10	Peak...c/s=73						
Radio Sweeps	Type/Intensity:		111/1						
Radio	Frequency(MHz)/Flux(sfu):		245/44						
80/12/08,20:39 DOY=343									
Event # = 6754		80/12/08,20:39		DOY=343		Peak		SMM Pointing:	
Optical	Start	End times	Ha...Class=SB						
GOES	20:35	20:39	Importance=C3						
GOES	20:36:07	20:37:08	Peak...c/s=83						
Radio Sweeps	Type/Intensity:		11/2						
80/12/09 DOY=344									
Event # = 1820		80/12/09,01:29		DOY=344		Peak		SMM Pointing:	
Optical	Start	End times	Importance=C2						
GOES	01:28	01:29	Peak...c/s=78						
GOES	01:24:50	01:30:22	Tot Cts=1422						
80/12/09,21:47 DOY=344									
Event # = 1821		80/12/09,21:47		DOY=344		Peak		SMM Pointing:	
Optical	Start	End times	Ha...Class=SN						
GOES	21:42	21:47	Importance=C2						
GOES	21:42:05	21:42:50	Peak...c/s=91						
80/12/10 DOY=345									
Event # = 1822		80/12/10,03:13		DOY=345		Peak		SMM Pointing:	
Optical	Start	End times	Ha...Class=SB						
GOES	03:10	03:13	Importance=C3						
GOES	03:11:05	03:13:05	Peak...c/s=137						
80/12/10,09:21 DOY=345									
Event # = 1823		80/12/10,09:21		DOY=345		Peak		SMM Pointing:	
Optical	Start	End times	Code=BSL						
GOES	09:12	09:21	Importance=C5						
GOES	09:14:10	09:24:29	Peak...c/s=95						
80/12/10,09:58 DOY=345									
Event # = 1824		80/12/10,09:58		DOY=345		Peak		SMM Pointing:	
Optical	Start	End times	Importance=M1						
GOES	09:36	09:58	Peak...c/s=81						
GOES	09:40:15	09:43:20	Qual=02						
Radio Sweeps	Type/Intensity:		Qual=01						

80/12/08 DOY=343									
Event # = 1819		80/12/08,07:23		DOY=343		Peak		SMM Pointing:	
Optical	Start	End times	Ha...Class=SN						
GOES	07:10	07:23	Importance=C3						
GOES	07:21:30	07:23:10	Peak...c/s=73						
Radio Sweeps	Type/Intensity:		111/1						
Radio	Frequency(MHz)/Flux(sfu):		245/44						
80/12/08,20:39 DOY=343									
Event # = 6754		80/12/08,20:39		DOY=343		Peak		SMM Pointing:	
Optical	Start	End times	Ha...Class=SB						
GOES	20:35	20:39	Importance=C3						
GOES	20:36:07	20:37:08	Peak...c/s=83						
Radio Sweeps	Type/Intensity:		11/2						
80/12/09 DOY=344									
Event # = 1820		80/12/09,01:29		DOY=344		Peak		SMM Pointing:	
Optical	Start	End times	Importance=C2						
GOES	01:28	01:29	Peak...c/s=78						
GOES	01:24:50	01:30:22	Tot Cts=1422						
80/12/09,21:47 DOY=344									
Event # = 1821		80/12/09,21:47		DOY=344		Peak		SMM Pointing:	
Optical	Start	End times	Ha...Class=SN						
GOES	21:42	21:47	Importance=C2						
GOES	21:42:05	21:42:50	Peak...c/s=91						
80/12/10 DOY=345									
Event # = 1822		80/12/10,03:13		DOY=345		Peak		SMM Pointing:	
Optical	Start	End times	Ha...Class=SB						
GOES	03:10	03:13	Importance=C3						
GOES	03:11:05	03:13:05	Peak...c/s=137						
80/12/10,09:21 DOY=345									
Event # = 1823		80/12/10,09:21		DOY=345		Peak		SMM Pointing:	
Optical	Start	End times	Code=BSL						
GOES	09:12	09:21	Importance=C5						
GOES	09:14:10	09:24:29	Peak...c/s=95						
80/12/10,09:58 DOY=345									
Event # = 1824		80/12/10,09:58		DOY=345		Peak		SMM Pointing:	
Optical	Start	End times	Importance=M1						
GOES	09:36	09:58	Peak...c/s=81						
GOES	09:40:15	09:43:20	Qual=02						
Radio Sweeps	Type/Intensity:		Qual=01						

80/12/08 DOY=343									
Event # = 1819		80/12/08,07:23		DOY=343		Peak		SMM Pointing:	
Optical	Start	End times	Ha...Class=SN						
GOES	07:10	07:23	Importance=C3						
GOES	07:21:30	07:23:10	Peak...c/s=73						
Radio Sweeps	Type/Intensity:		111/1						
Radio	Frequency(MHz)/Flux(sfu):		245/44						
80/12/08,20:39 DOY=343									
Event # = 6754		80/12/08,20:39		DOY=343		Peak		SMM Pointing:	
Optical	Start	End times	Ha...Class=SB						
GOES	20:35	20:39	Importance=C3						
GOES	20:36:07	20:37:08	Peak...c/s=83						
Radio Sweeps	Type/Intensity:		11/2						
80/12/09 DOY=344									
Event # = 1820		80/12/09,01:29		DOY=344		Peak		SMM Pointing:	
Optical	Start	End times	Importance=C2						
GOES	01:28	01:29	Peak...c/s=78						
GOES	01:24:50	01:30:22	Tot Cts=1422						
80/12/09,21:47 DOY=344									
Event # = 1821		80/12/09,21:47		DOY=344		Peak		SMM Pointing:	
Optical	Start	End times	Ha...Class=SN						
GOES	21:42	21:47	Importance=C2						
GOES	21:42:05	21:42:50	Peak...c/s=91						
80/12/10 DOY=345									
Event # = 1822		80/12/10,03:13		DOY=345		Peak		SMM Pointing:	
Optical	Start	End times	Ha...Class=SB						
GOES	03:10	03:13	Importance=C3						
GOES	03:11:05	03:13:05	Peak...c/s=137						
80/12/10,09:21 DOY=345									
Event # = 1823		80/12/10,09:21		DOY=345		Peak		SMM Pointing:	
Optical	Start	End times	Code=BSL						
GOES	09:12	09:21	Importance=C5						
GOES	09:14:10	09:24:29	Peak...c/s=95						
80/12/10,09:58 DOY=345									
Event # = 1824		80/12/10,09:58		DOY=345		Peak		SMM Pointing:	
Optical	Start	End times	Importance=M1						
GOES	09:36	09:58	Peak...c/s=81						
GOES	09:40:15	09:43:20	Qual=02						
Radio Sweeps	Type/Intensity:		Qual=01						

80/12/08 DOY=343									
Event # = 1819		80/12/08,07:23		DOY=343		Peak		SMM Pointing:	
Optical	Start	End times	Ha...Class=SN						
GOES	07:10	07:23	Importance=C3						
GOES	07:21:30	07:23:10	Peak...c/s=73						
Radio Sweeps	Type/Intensity:		111/1						
Radio	Frequency(MHz)/Flux(sfu):		245/44						
80/12/08,20:39 DOY=343									
Event # = 6754		80/12/08,20:39		DOY=343		Peak		SMM Pointing:	
Optical	Start	End times	Ha...Class=SB						
GOES	20:35	20:39	Importance=C3						
GOES	20:36:07	20:37:08	Peak...c/s=83						
Radio Sweeps	Type/Intensity:		11/2						
80/12/09 DOY=344									
Event # = 1820		80/12/09,01:29		DOY=344		Peak		SMM Pointing:	
Optical	Start	End times	Importance=C2						
GOES	01:28	01:29	Peak...c/s=78						
GOES	01:24:50	01:30:22	Tot Cts=1422						
80/12/09,21:47 DOY=344									
Event # = 1821		80/12/09,21:47		DOY=344		Peak		SMM Pointing:	
Optical	Start	End times	Ha...Class=SN						
GOES	21:42	21:47	Importance=C2						
GOES	21:42:05	21:42:50	Peak...c/s=91						
80/12/10 DOY=345									
Event # = 1822		80/12/10,03:13		DOY=345		Peak		SMM Pointing:	
Optical	Start	End times	Ha...Class=SB						
GOES	03:10	03:13	Importance=C3						
GOES	03:11:05	03:13:05	Peak...c/s=137						
80/12/10,09:21 DOY=345									
Event # = 1823		80/12/10,09:21		DOY=345		Peak		SMM Pointing:	
Optical	Start	End times	Code=BSL						
GOES	09:12	09:21	Importance=C5						
GOES	09:14:10	09:24:29	Peak...c/s=95						
80/12/10,09:58 DOY=345									
Event # = 1824		80/12/10,09:58		DOY=345		Peak		SMM Pointing:	
Optical	Start	End times	Importance=M1						
GOES	09:36	09:58	Peak...c/s=81						
GOES	09:40:15	09:43:20	Qual=02						
Radio Sweeps	Type/Intensity:		Qual=01						

80/12/08 DOY=343									
Event # = 1819		80/12/08,07:23		DOY=343		Peak		SMM Pointing:	
Optical	Start	End times	Ha...Class=SN						
GOES	07:10	07:23	Importance=C3						
GOES	07:21:30	07:23:10	Peak...c/s=73						
Radio Sweeps	Type/Intensity:		111/1						
Radio	Frequency(MHz)/Flux(sfu):		245/44						
80/12/08,20:39 DOY=343									
Event # = 6754		80/12/08,20:39		DOY=343		Peak		SMM Pointing:	
Optical	Start	End times	Ha...Class=SB						
GOES	20:35	20:39	Importance=C3						
GOES	20:36:07	20:37:08	Peak...c/s=83						
Radio Sweeps	Type/Intensity:		11/2						
80/12/09 DOY=344									
Event # = 1820		80/12/09,01:29		DOY=344		Peak		SMM Pointing:	
Optical	Start	End times	Importance=C2						
GOES	01:28	01:29	Peak...c/s=78						
GOES	01:24:50	01:30:22	Tot Cts=1422						
80/12/09,21:47 DOY=344									
Event # = 1821		80/12/09,21:47		DOY=344		Peak		SMM Pointing:	
Optical	Start	End times	Ha...Class=SN						
GOES	21:42	21:47	Importance=C2						
GOES	21:42:05	21:42:50	Peak...c/s=91						
80/12/10 DOY=345									
Event # = 1822		80/12/10,03:13		DOY=345		Peak		SMM Pointing:	
Optical	Start	End times	Ha...Class=SB						
GOES	03:10	03:13	Importance=C3						
GOES	03:11:05	03:13:05	Peak...c/s=137						
80/12/10,09:21 DOY=345									
Event # = 1823		80/12/10,09:21		DOY=345		Peak		SMM Pointing:	
Optical	Start	End times	Code=BSL						
GOES	09:12	09:21	Importance=C5						
GOES	09:14:10	09:24:29	Peak...c/s=95						
80/12/10,09:58 DOY=345									
Event # = 1824		80/12/10,09:58		DOY=345		Peak		SMM Pointing:	
Optical	Start	End times	Importance=M1						
GOES	09:36	09:58	Peak...c/s=81						
GOES	09:40:15	09:43:20	Qual=02						
Radio Sweeps	Type/Intensity:		Qual=01						

80/12/08 DOY=343									
Event # = 1819		80/12/08,07:23		DOY=343		Peak		SMM Pointing:	
Optical	Start	End times	Ha...Class=SN						
GOES	07:10	07:23	Importance=C3						
GOES	07:21:30	07:23:10	Peak...c/s=73						
Radio Sweeps	Type/Intensity:		111/1						
Radio	Frequency(MHz)/Flux(sfu):		245/44						
80/12/08,20:39 DOY=343									
Event # = 6754		80/12/08,20:39		DOY=343		Peak		SMM Pointing:	
Optical	Start	End times	Ha...Class=SB						
GOES	20:35	20:39	Importance=C3						
GOES	20:36:07	20:37:08	Peak...c/s=83						
Radio Sweeps	Type/Intensity:		11/2						
80/12/09 DOY=344									
Event # = 1820		80/12/09,01:29		DOY=344		Peak		SMM Pointing:	
Optical	Start	End times	Importance=C2						
GOES	01:28	01:29	Peak...c/s=78						
GOES	01:24:50	01:30:22	Tot Cts=1422						
80/12/09,21:47 DOY=344									
Event # = 1821		80/12/09,21:47		DOY=344		Peak		SMM Pointing:	
Optical	Start	End times	Ha...Class=SN						
GOES	21:42	21:47	Importance=C2						
GOES	21:42:05	21:42:50	Peak...c/s=91						
80/12/10 DOY=345									
Event # = 1822		80/12/10,03:13		DOY=345		Peak		SMM Pointing:	
Optical	Start	End times	Ha...Class=SB						
GOES	03:10	03:13	Importance=C3						
GOES	03:11:05	03:13:05	Peak...c/s=137						
80/12/10,09:21 DOY=345									
Event # = 1823		80/12/10,09:21		DOY=345		Peak		SMM Pointing:	
Optical	Start	End times	Code=BSL						
GOES	09:12	09:21	Importance=C5						
GOES	09:14:10	09:24:29	Peak...c/s=95						
80/12/10,09:58 DOY=345									
Event # = 1824		80/12/10,09:58		DOY=345		Peak		SMM Pointing:	
Optical	Start	End times	Importance=M1						
GOES	09:36	09:58	Peak...c/s=81						
GOES	09:40:15	09:43:20	Qual=02						
Radio Sweeps	Type/Intensity:		Qual=01						

80/12/08 DOY=343									
Event # = 1819		80/12/08,07:23		DOY=343		Peak		SMM Pointing:	
Optical	Start	End times	Ha...Class=SN						
GOES	07:10	07:23	Importance=C3						
GOES	07:21:30	07:23:10	Peak...c/s=73						
Radio Sweeps	Type/Intensity:		111/1						
Radio	Frequency(MHz)/Flux(sfu):		245/44						
80/12/08,20:39 DOY=343									
Event # = 6754		80/12/08,20:39		DOY=343		Peak		SMM Pointing:	
Optical	Start	End times	Ha...Class=SB						
GOES	20:35	20:39	Importance=C3						
GOES	20:36:07	20:37:08	Peak...c/s=83						
Radio Sweeps	Type/Intensity:		11/2						
80/12/09 DOY=344									
Event # = 1820		80/12/09,01:29		DOY=344		Peak		SMM Pointing:	
Optical	Start	End times	Importance=C2						
GOES	01:28	01:29	Peak...c/s=78						
GOES	01:24:50	01:30:22	Tot Cts=1422						
80/12/09,21:47 DOY=344									
Event # = 1821		80/12/09,21:47		DOY=344		Peak		SMM Pointing:	
Optical	Start	End times	Ha...Class=SN						
GOES	21:42	21:47	Importance=C2						
GOES	21:42:05	21:42:50	Peak...c/s=91						
80/12/10 DOY=345									
Event # = 1822		80/12/10,03:13		DOY=345		Peak		SMM Pointing:	
Optical	Start	End times	Ha...Class=SB						
GOES	03:10	03:13	Importance=C3						
GOES	03:11:05	03:13:05	Peak...c/s=137						
80/12/10,09:21 DOY=345									
Event # = 1823		80/12/10,09:21		DOY=345		Peak			

Event # = 1825									
80/12/10, 20:10	DOY=345								H. Ang=0deg
Start	Peak								
GOES 20:04	20:10	End times							
HRBS 20:06:10	20:06:50	20:07:32	SMM Pointing:	N00W00					
			Importance=C2	Qual=01					
			Peak...c/s=115	Qual=01	Tot Cts=1374	MaxkeV=58			
Event # = 1826									
80/12/10, 21:48	DOY=345								H. Ang=0deg
Start	Peak								
GOES 21:43	21:48	End times							
HRBS 21:44:05	21:46:20	21:47:33	SMM Pointing:	N00W00					
			Importance=C3	Qual=01					
			Peak...c/s=102	Qual=01	Tot Cts=2096	MaxkeV=58			
Event # = 1827									
80/12/10, 21:52	DOY=345								H. Ang=0deg
Start	Peak								
Optical									
GOES 21:49	21:52	21:58	Ha...Class=1N	S15W24	AR2824	Mac.=CS0	Carr. Lon.=96deg		
HRBS 21:48:30	21:50:15	21:50:52	Importance=C3	Qual=01					
			Peak...c/s=104	Qual=01	Tot Cts=1469	MaxkeV=58			
80/12/11 DOY=346									
Event # = 1828									
80/12/11, 07:12	DOY=346								H. Ang=0deg
Start	Peak								
GOES 07:09	07:12	End times							
HRBS 07:10:30	07:11:25	07:12:32	SMM Pointing:	N00W00					
			Importance=C2	Qual=01					
			Peak...c/s=111	Qual=01	Tot Cts=2221	MaxkeV=58			
Event # = 1829									
80/12/11, 07:20	DOY=346								H. Ang=0deg
Start	Peak								
GOES 07:19	07:20	End times							
HRBS 07:18:30	07:19:05	07:19:41	Importance=C2	Qual=01					
			Peak...c/s=107	Qual=01	Tot Cts=964	MaxkeV=58			
			Associated Event # = 1830						
			Qual=01			MaxkeV=58			
HRBS 07:22:20	07:22:40	07:22:55	Peak...c/s=77						
Event # = 1831									
80/12/11, 12:51	DOY=346								H. Ang=1deg
Start	Peak								
GOES 12:49	12:51	End times							
HRBS 12:47:50	12:48:50	12:49:55	SMM Pointing:	N00W00					
			Importance=C2	Qual=03					
			Peak...c/s=72	Qual=01		MaxkeV=58			
Event # = 1832									
80/12/11, 15:08	DOY=346								H. Ang=1deg
Start	Peak								
GOES 15:07	15:08	End times							
HRBS 15:07:35	15:08:05	15:08:40	SMM Pointing:	N00W00					
			Importance=C1	Qual=01					
			Peak...c/s=84	Qual=01		MaxkeV=58			
80/12/12 DOY=347									
Event # = 1833									
80/12/12, 20:03	DOY=347								H. Ang=1deg
Start	Peak								
GOES 19:50	20:03	End times							
HRBS 19:55:30	19:57:15	19:57:50	SMM Pointing:	N00W00					
			Importance=C5	Qual=01					
			Peak...c/s=99	Qual=01		MaxkeV=58			

Event # = 1834									
80/12/12, 21:24		DOY=347	SMM Pointing:		N00W00	AR2826		Mac.=EKI	H. Ang=1deg
Optical		End times	Ha...Class=SB		N13E03	Carr. Lon.=43deg		MaxkeV=58	H. Ang=14deg
GOES 21:00		21:24	Importance=C3		Qual=05				
HXRBS 21:21:50		21:23:50	Peak...c/s=51		Qual=01				
80/12/13 DOY=348									
Event # = 1835									
80/12/13, 03:13		DOY=348	SMM Pointing:		N00W00	AR2840		Mac.=DKC	H. Ang=1deg
Optical		End times	Ha...Class=SN		N03E63	Carr. Lon.=340deg		MaxkeV=58	H. Ang=63deg
GOES 03:05		03:13	Importance=C8		Qual=02				
HXRBS 03:05:15		03:06:20	Peak...c/s=75		Qual=01				
Radio		Frequency(MHz)/Flux(sfu):		2695/10 4995/19		8800/35			
80/12/13 DOY=348									
Event # = 1836									
80/12/13, 05:44		DOY=348	SMM Pointing:		N00W00	AR2838		Mac.=CSO	H. Ang=1deg
Optical		End times	Ha...Class=1N		N15E55	Carr. Lon.=347deg		MaxkeV=58	H. Ang=57deg
Optical			Ha...Class=SN		N13W10	Carr. Lon.=52deg			
GOES 05:40		05:44	Importance=C8		Qual=02				
HXRBS 05:43:30		05:44:05	Peak...c/s=86		Qual=01				
80/12/14 DOY=349									
Event # = 1837									
80/12/14, 10:55		DOY=349	SMM Pointing:		N00W00	AR2840		Mac.=DKC	H. Ang=1deg
Optical		End times	Ha...Class=SB		N05E52	Carr. Lon.=334deg		MaxkeV=58	H. Ang=52deg
GOES 10:53		10:55	Importance=C2		Qual=01				
HXRBS 10:53:00		10:53:45	Peak...c/s=80		Qual=01				
Radio		Frequency(MHz)/Flux(sfu):		8800/25					
80/12/14 DOY=349									
Event # = 1838									
80/12/14, 14:10		DOY=349	SMM Pointing:		N00W00	AR2841		Mac.=EAI	H. Ang=1deg
Optical		End times	Ha...Class=1N		N15E51	Carr. Lon.=333deg		MaxkeV=58	H. Ang=53deg
GOES 14:03		14:10	Importance=C4		Qual=01				
HXRBS 14:08:05		14:08:25	Peak...c/s=83		Qual=01				
Radio		Frequency(MHz)/Flux(sfu):		4995/29 8800/33					
80/12/14 DOY=349									
Event # = 1840									
80/12/14, 14:55		DOY=349	SMM Pointing:		N00W00	AR2840		Mac.=DKC	H. Ang=1deg
Optical		End times	Ha...Class=SN		N05E41	Carr. Lon.=342deg		MaxkeV=58	H. Ang=41deg
GOES 14:50		14:55	Importance=C4		Qual=01				
HXRBS 14:52:35		14:54:55	Peak...c/s=118		Qual=01	Tot Cts=3027		MaxkeV=58	
HXRBS 14:50:10		14:50:40	Peak...c/s=73		Associated Event # = 1839	MaxkeV=58			

Event # = 1841									
80/12/14,15:07	DOY=349	Peak	End times	SMM Pointing:	N00W00				H. Ang=1deg
Optical	Start			Ha...Class=1N	N20E49	AR2841			H. Ang=52deg
Optical				Ha...Class=SN	N05E41	AR2840			H. Ang=41deg
GOES	15:03	15:07	15:14	Importance=C5	Qual=03				
HXRBS	15:04:35	15:05:05	15:06:11	Peak...c/s=179	Qual=01	Tot Cts=3396	Mac.=EAI	Carr. Lon.=334deg	
Radio	Frequency(MHz)/Flux(sfu):	4995/12					MaxkeV=58	Flags=M	
80/12/15 DOY=350									
Event # = 1842									
80/12/15,00:54	DOY=350	Peak	End times	SMM Pointing:	N00W00				H. Ang=1deg
Optical	Start			Ha...Class=SF	N05E38	AR2840			H. Ang=38deg
GOES	00:51	00:54	01:03	Importance=C3	Qual=01		Mac.=EKC	Carr. Lon.=340deg	
HXRBS	00:51:05	00:52:20	00:53:20	Peak...c/s=116	Qual=01	Tot Cts=3548	MaxkeV=58		
Radio	Frequency(MHz)/Flux(sfu):	4995/17	8800/36						
Event # = 1843									
80/12/15,07:40	DOY=350	Peak	End times	SMM Pointing:	N00W00				H. Ang=1deg
Optical	Start			Ha...Class=SF	N05E38	AR2840			H. Ang=38deg
GOES	07:39	07:40	07:46	Importance=C2	Qual=01		Mac.=EKC	Carr. Lon.=336deg	
HXRBS	07:40:05	07:40:25	07:40:40	Peak...c/s=85	Qual=01		MaxkeV=58		
Event # = 1844									
80/12/15,18:18	DOY=350	Peak	End times	SMM Pointing:	N00W00				H. Ang=1deg
Optical	Start			Importance=C3	Qual=01				
GOES	18:17	18:18	18:20	Peak...c/s=133	Qual=01	Tot Cts=367	MaxkeV=133		
HXRBS	18:17:40	18:17:45	18:17:58						
Event # = 1845									
80/12/15,21:36	DOY=350	Peak	End times	SMM Pointing:	N00W00				H. Ang=1deg
Optical	Start			Importance=C4	Qual=01				
GOES	21:34	21:36	21:40	Peak...c/s=202	Qual=01	Tot Cts=1668	MaxkeV=133		
HXRBS	21:35:55	21:36:25	21:37:03						
80/12/16 DOY=351									
Event # = 1846									
80/12/16,01:05	DOY=351	Peak	End times	SMM Pointing:	N00W00				H. Ang=1deg
Optical	Start			Ha...Class=SB	N05E24	AR2840			H. Ang=25deg
GOES	01:00	01:05	01:13	Importance=C5	Qual=01		Mac.=EKC	Carr. Lon.=341deg	
HXRBS	01:01:05	01:01:25	01:03:28	Peak...c/s=765	Qual=01	Tot Cts=20890	MaxkeV=133	Flags=M	
Radio	Frequency(MHz)/Flux(sfu):	2695/20	4995/33			8800/170	15400/110		
Event # = 1847									
80/12/16,03:53	DOY=351	Peak	End times	SMM Pointing:	N00W00				H. Ang=1deg
Optical	Start			Ha...Class=SF	N14E30	AR2841			H. Ang=33deg
GOES	03:51	03:53	03:56	Importance=C4	Qual=01		Mac.=EAI	Carr. Lon.=333deg	
HXRBS	03:52:40	03:53:00	03:53:30	Peak...c/s=81	Qual=01		MaxkeV=58		

Event # = 1848	DOY=351	SMM Pointing:	N00W00	H. Ang=1deg
80/12/16,09:12	Peak	End times		
Optical				
GOES 09:05	09:12	Ha...Class=SB	N06E23	
HXRBS 09:06:30	09:07:40	Importance=C5	Qual=01	
Radio Frequency (MHz)/Flux(sfu):	8800/150	Peak...c/s=213	Qual=01	

Event # = 1855	DOY=352	SMM Pointing:	N00W00	H. Ang=1deg
80/12/17, 23:01	Peak	End times		
Optical		Ha...Class=SB	AR2826	Carr. Lon. = 41deg
GOES 22:54	23:01	Importance=C8	Qual=01	Mac. =DAI
HXRBS 22:55:10	22:57:35	Peak...c/s=404	Tot Cts=24271	H. Ang=63deg
Radio	Frequency(MHz)/Flux(sfu):	606/67 1415/210 2695/73 4995/42 8800/44		
80/12/18 DOY=353				
Event # = 1856	DOY=353	SMM Pointing:	N00W00	H. Ang=1deg
80/12/18, 01:48	Peak	End times		
Optical		Ha...Class=1B	AR2840	H. Ang=8deg
GOES 01:39	01:48	Importance=M2	Qual=05	
HXRBS 01:47:15	01:47:40	Peak...c/s=217	Qual=02	Carr. Lon. = 338deg
Radio Sweeps	Type/Intensity:	111/2	Tot Cts=7289	Flags=SN
Radio	Frequency(MHz)/Flux(sfu):	410/93 606/92 1415/24 2695/140 4995/320 8800/520 15400/160		
Event # = 1857	DOY=353	SMM Pointing:	N00W00	H. Ang=1deg
80/12/18, 19:22	Peak	End times		
Optical		Ha...Class=SN	AR2840	H. Ang=14deg
GOES 19:21	19:22	Importance=C5	Qual=04	
HXRBS 19:21:10	19:21:20	Peak...c/s=6038	Qual=01	
GRS 19:21:13	19:21:29	Max.E..MeV= 0.6	Tot Cts=27052	Dur=16sec
Radio Sweeps	Type/Intensity:	11/3	Nuclear.Line=N	
Radio	Frequency(MHz)/Flux(sfu):	245/81 410/81 606/160 1415/120 2695/170 4995/280 8800/540 15400/630		
Event # = 1858	DOY=353	SMM Pointing:	N00W00	H. Ang=1deg
80/12/18, 19:34	Peak	End times		
GOES 19:33	19:34	Importance=C1	Qual=01	
HXRBS 19:33:55	19:34:05	Peak...c/s=98	Qual=01	MaxkeV=58
Radio	Frequency(MHz)/Flux(sfu):	245/580		
80/12/19 DOY=354				
Event # = 1859	DOY=354	SMM Pointing:	N00W00	H. Ang=2deg
80/12/19, 16:27	Peak	End times		
GOES 16:08:05	16:27:15	Peak...c/s=128	Qual=00	
HXRBS	16:27:26		Qual=03	Flags=ES
Radio	Frequency(MHz)/Flux(sfu):	2695/15 4995/61 8800/110 15400/23	Tot Cts=32516	MaxkeV=133
Event # = 1860	DOY=354	SMM Pointing:	N00W00	H. Ang=2deg
80/12/19, 20:14	Peak	End times		
Optical		Ha...Class=1N	AR2840	Carr. Lon. = 340deg
GOES 20:12	20:14	Importance=C5	Qual=03	Mac. =DKI
HXRBS 20:12:15	20:12:40	Peak...c/s=288	Qual=01	MaxkeV=133
Radio	Frequency(MHz)/Flux(sfu):	2695/15 4995/61 8800/110 15400/23	Tot Cts=11757	
80/12/20 DOY=355				
Event # = 8586	DOY=355	End times		
80/12/20, 18:30	Peak			
HXRBS 18:30:50	18:30:54	Peak...c/s=86	Qual=01	Flags=NS
Radio	Frequency(MHz)/Flux(sfu):	2695/15 4995/61 8800/110 15400/23	Tot Cts=283	MaxkeV=513

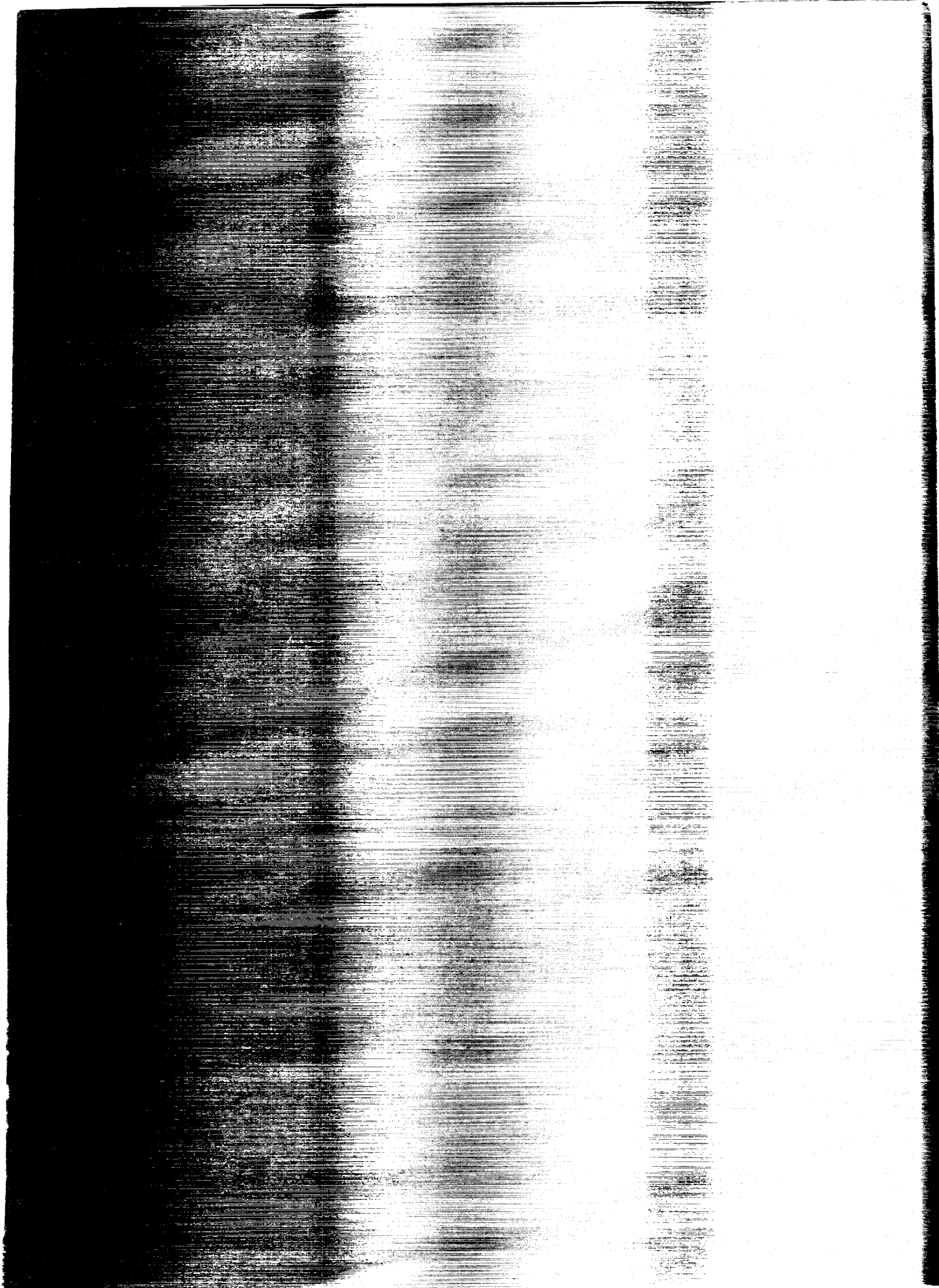
Event # = 1861		80/12/21		DOY=356	
80/12/21,04:02	Start	DOY=356	Peak	N00W00	
Optical	End times	SMM Pointing:			H. Ang=2deg
GOES 03:59	04:02 04:07	Ha...Class=S8			
HXRBS 03:59:50	04:00:30 04:01:57	Importance=C4			
Radio Sweeps	Type/Intensity:	Peak...c/s=113			
	II/2 III/3	Tot Cts=2506			
		Mac.=HRX			Carr. Lon.=350deg
		MaxkeV=58			H. Ang=55deg
Event # = 1862		80/12/22		DOY=357	
80/12/21,21:33	Start	DOY=356	Peak	N00W00	
Optical	End times	SMM Pointing:			H. Ang=2deg
GOES 21:33:05	21:33:15 21:33:42	Ha...Class=SF			
HXRBS		Peak...c/s=108			
		Tot Cts=764			
		Mac.=BX0			Carr. Lon.=330deg
		MaxkeV=58			H. Ang=45deg
Event # = 1863		80/12/22		DOY=357	
80/12/22,02:09	Start	DOY=357	Peak	N00W00	
Optical	End times	SMM Pointing:			H. Ang=2deg
GOES 02:04	02:09 02:19	Ha...Class=S8			
HXRBS 02:04:35	02:05:50 02:05:55	Importance=C6			
		Peak...c/s=71			
		Tot Cts=1184			
		Mac.=BX0			Carr. Lon.=330deg
		MaxkeV=58			H. Ang=47deg
Event # = 1864		80/12/23		DOY=358	
80/12/22,15:02	Start	DOY=357	Peak	N00W00	
Optical	End times	SMM Pointing:			H. Ang=2deg
GOES 14:59	15:02 15:02	Ha...Class=SN			
HXRBS 15:01:05	15:01:20 15:02:09	Importance=C5			
Radio	Frequency(MHz)/Flux(sfu):	245/150 410/120			
		Tot Cts=1184			
		Mac.=CS0			Carr. Lon.=315deg
		MaxkeV=58			H. Ang=38deg
Event # = 1865		80/12/23		DOY=358	
80/12/23,21:17	Start	DOY=358	Peak	N00W00	
Optical	End times	SMM Pointing:			H. Ang=2deg
GOES 21:12	21:17 21:20	Code=BSL			
HXRBS 21:14:10	21:15:50 21:18:32	Importance=M3			
GRS 21:15:03	21:16:41 21:16:41	Peak...c/s=1600			
Radio	Frequency(MHz)/Flux(sfu):	245/170			
		Tot Cts=72137			
		Mac.=DS0			Carr. Lon.=171deg
		MaxkeV=275			H. Ang=90deg
		>10MeV=N			Dur=98sec
Event # = 1866		80/12/24		DOY=359	
80/12/24,10:03	Start	DOY=359	Peak	N00W00	
Optical	End times	SMM Pointing:			H. Ang=2deg
GOES 10:02	10:03 10:04	Importance=C1			
HXRBS 10:02:25	10:02:40 10:02:55	Peak...c/s=75			
		Qual=01			
		MaxkeV=58			
Event # = 1867		80/12/24		DOY=359	
80/12/24,10:55	Start	DOY=359	Peak	N00W00	
Optical	End times	SMM Pointing:			H. Ang=2deg
GOES 10:52	10:55 10:57	Importance=C2			
HXRBS 10:54:30	10:54:55 10:55:15	Peak...c/s=70			
		Qual=05			
		MaxkeV=58			

Event # = 1883	DOY=363	SMM Pointing:	N00W00	H. Ang=3deg
80/12/28,14:32	Peak	End times		
Optical		Ha....Class=SF	AR2855	H. Ang=19deg
GOES 14:29	14:32	Importance=C1	Qual=01	
HXRBS 14:31:25	14:31:40	Peak...c/s=110	Tot Cts=415	
Radio Frequency(MHz)/Flux(sfu):	245/37	410/49	MaxkeV=58	
Event # = 1884	DOY=363	SMM Pointing:	N00W00	H. Ang=3deg
80/12/28,17:19	Peak	End times		
Optical		Ha....Class=SN	AR2855	H. Ang=20deg
GOES 17:11	17:19	Importance=C3	Qual=01	
HXRBS 17:12:00	17:12:45	Peak...c/s=209	Tot Cts=4578	
Radio Sweeps		Type/Intensity: III/1	MaxkeV=133	
Event # = 1885	DOY=363	SMM Pointing:	N00W00	H. Ang=3deg
80/12/28,18:00	Peak	End times		
Optical		Ha....Class=SN	AR2855	H. Ang=20deg
GOES 17:56	18:00	Importance=C2	Qual=01	
HXRBS 17:57:20	17:57:55	Peak...c/s=110	Tot Cts=739	
Radio Sweeps		Type/Intensity: III/1	MaxkeV=58	
Event # = 1886	DOY=363	SMM Pointing:	N00W00	H. Ang=3deg
80/12/28,19:08	Peak	End times		
Optical		Ha....Class=SB	AR2855	H. Ang=20deg
GOES 19:02	19:08	Importance=M1	Qual=01	
HXRBS 19:03:55	19:06:45	Peak...c/s=1889	Tot Cts=86541	
Radio Sweeps		Type/Intensity: III/2 V/3	MaxkeV=275	
Radio Frequency(MHz)/Flux(sfu):	245/750	410/45	606/87 1415/40 2695/44 4995/170 8800/360 15400/220	
Event # = 1887	DOY=363	SMM Pointing:	N00W00	H. Ang=3deg
80/12/28,19:20	Peak	End times		
Optical		Ha....Class=SB	AR2855	H. Ang=20deg
GOES 19:19	19:20	Importance=C3	Qual=01	
HXRBS 19:19:45	19:20:10	Peak...c/s=208	Tot Cts=1398	
Radio Sweeps		Type/Intensity: III/2 V/3	MaxkeV=133	
Radio Frequency(MHz)/Flux(sfu):	245/620	410/28		
Event # = 1888	DOY=363	SMM Pointing:	N00W00	H. Ang=3deg
80/12/28,21:46	Peak	End times		
Optical		Ha....Class=SN	AR2855	H. Ang=20deg
GOES 21:43	21:46	Importance=C4	Qual=05	
HXRBS 21:45:10	21:45:20	Peak...c/s=74	Qual=01	
Radio Sweeps		Type/Intensity: III/2 V/3	MaxkeV=58	
Radio Frequency(MHz)/Flux(sfu):	245/620	410/28		
Event # = 1889	DOY=363	SMM Pointing:	N00W00	H. Ang=3deg
80/12/28,22:33	Peak	End times		
Optical		Ha....Class=SN	AR2855	H. Ang=20deg
GOES 22:29	22:33	Importance=C3	Qual=01	
HXRBS 22:29:25	22:29:40	Peak...c/s=82	Qual=01	
Radio Sweeps		Type/Intensity: III/1	MaxkeV=58	
Radio Frequency(MHz)/Flux(sfu):	245/110			

Event # = 1890									
80/12/28,22:44	DOY=363	Start	End times	SMM Pointing:	N00W00				H. Ang=3deg
GOES 22:40	22:44	Peak	22:46	Importance=C3	Qual=01				
HXRBS 22:43:40	22:43:50	22:44:10		Peak....c/s=65	Qual=01			MaxkeV=58	
Event # = 1891									
80/12/28,23:42	DOY=363	Start	End times	SMM Pointing:	N00W00				H. Ang=3deg
Optical									
GOES 23:37	23:42		23:50	Ha...Class=S8	S23W08				
HXRBS 23:39:00	23:40:00	23:42:39		Importance=C5	Qual=01			Mac.=DKC	H. Ang=22deg
Radio	Frequency(MHz)/Flux(sfu):	245/350	410/58	Peak....c/s=167	Qual=01			MaxkeV=133	
					Tot Cts=5003				
Event # = 1892									
80/12/28,23:58	DOY=363	Start	End times	SMM Pointing:	N00W00				H. Ang=3deg
Optical									
GOES 23:53	23:58	00:07		Ha...Class=SF	S08E14				
HXRBS 23:55:30	23:55:50	23:56:55		Importance=C6	Qual=02			Mac.=FKI	H. Ang=15deg
Radio	Sweeps	Type/Intensity:		Peak....c/s=277	Qual=01			MaxkeV=133	
	Frequency(MHz)/Flux(sfu):	245/620	410/240		Tot Cts=2647				
Event # = 1893									
80/12/29,01:06	DOY=364	Start	End times	SMM Pointing:	N00W00				H. Ang=3deg
GOES									
HXRBS 01:05:45	01:06:40	01:12:45		Peak....c/s=225	Qual=00				
Radio	Frequency(MHz)/Flux(sfu):	245/300	410/34		Qual=01			MaxkeV=275	
Event # = 1894									
80/12/29,01:32	DOY=364	Start	End times	SMM Pointing:	N00W00				H. Ang=3deg
Optical									
GOES 01:24	01:32	01:36		Ha...Class=SF	S21W06				
HXRBS 01:32:05	01:32:15	01:32:25		Importance=C4	Qual=05			Mac.=DKI	H. Ang=19deg
				Peak....c/s=76	Qual=01			MaxkeV=58	
Event # = 1895									
80/12/29,04:26	DOY=364	Start	End times	SMM Pointing:	N00W00				H. Ang=3deg
Optical									
GOES 04:21	04:26	04:32		Ha...Class=1B	S23W10				
HXRBS 04:24:10	04:24:55	04:26:25		Importance=C5	Qual=01			Mac.=DKI	H. Ang=22deg
Radio	Frequency(MHz)/Flux(sfu):	245/340	410/170	Peak....c/s=778	Qual=01			MaxkeV=275	
					Tot Cts=12088				
					606/300			8800/87	
Event # = 1896									
80/12/29,10:35	DOY=364	Start	End times	SMM Pointing:	N00W00				H. Ang=3deg
Optical									
GOES 10:30	10:35	10:44		Ha...Class=SN	S23W14				
HXRBS 10:31:40	10:33:20	10:33:27		Importance=C8	Qual=02			Mac.=DKI	H. Ang=24deg
Radio	Frequency(MHz)/Flux(sfu):	245/1600	410/270	Peak....c/s=305	Qual=03			MaxkeV=133	
					Tot Cts=6075			8800/200	15400/86
					606/110			4995/130	2695/470
					2695/470			4995/130	15400/86
					2695/470			4995/130	15400/86

Event # = 1897									
80/12/29, 11:30	DOY=364	Peak	End times	SMM Pointing:	N00W00				H. Ang=3deg
Optical				Ha...Class=SB	S23W10				H. Ang=22deg
GOES 11:22	11:30	11:38		Importance=M1	Qual=03				
HXRBS 11:25:00	11:27:30	11:30:36		Peak...c/s=202	Qual=01				
					Tot Cts=12794				
					MaxkeV=58				
Event # = 1898									
80/12/29, 13:09	DOY=364	Peak	End times	SMM Pointing:	N00W00				H. Ang=3deg
Optical				Ha...Class=2B	S22W15				H. Ang=24deg
GOES 13:03	13:09	13:22		Importance=M3	Qual=02				
HXRBS 13:05:30	13:05:40	13:06:27		Peak...c/s=357	Qual=01				
Radio	Frequency(MHz)/Flux(sfu):	245/610	410/1100	245/610	410/1100				
					Tot Cts=5293				
					1415/150	2695/40	4995/50	8800/94	15400/98
Event # = 1900									
80/12/29, 14:30	DOY=364	Peak	End times	SMM Pointing:	N00W00				H. Ang=3deg
Optical				Ha...Class=SN	S23W16				H. Ang=25deg
GOES 14:23	14:30	14:33		Importance=C3	Qual=01				
HXRBS 14:29:50	14:30:05	14:33:15		Peak...c/s=206	Qual=01				
Radio	Frequency(MHz)/Flux(sfu):	245/590	410/760	245/590	410/760				
					606/67				
					Associated Event # = 1899				
					Qual=01				
HXRBS 14:25:50	14:26:40	14:28:00		Peak...c/s=86					
					MaxkeV=58				
Event # = 1901									
80/12/29, 20:32	DOY=364	Peak	End times	SMM Pointing:	N00W00				H. Ang=3deg
Optical				Ha...Class=SB	S24W20				H. Ang=29deg
GOES 20:29	20:32	20:37		Importance=C2	Qual=01				
HXRBS 20:32:05	20:32:35	20:33:35		Peak...c/s=72	Qual=01				
Radio	Frequency(MHz)/Flux(sfu):	245/1200	410/60	245/1200	410/60				
					606/38				
Event # = 5779									
80/12/30, 19:17	DOY=365	Peak	End times	SMM Pointing:	N00W00				H. Ang=3deg
GOES 19:17:47	19:17:58	19:18:27		Peak...c/s=81	Qual=06				
HXRBS 19:17:47	19:17:58	19:18:27		Peak...c/s=81	Qual=01				
Radio	Frequency(MHz)/Flux(sfu):	245/140		245/140					
					MaxkeV=58				
					Flags=I				

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15. Supplementary Notes D.M. Speich: formerly with Goddard Space Flight Center, Greenbelt, Maryland; presently with NOAA/SESC, Boulder, Colorado. J. J. Nelson, J. P. Licata, A. K. Tolbert: ST Systems Corporation (STX), Lanham, Maryland.					
16. Abstract This document contains information on solar burst and transient activity observed by the Solar Maximum Mission (SMM) during 1980 pointed observations. Data from the following SMM experiments are included: 1) Gamma Ray Spectrometer, 2) Hard X-Ray Burst Spectrometer, 3) Hard X-Ray Imaging Spectrometer, 4) Flat Crystal Spectrometer, 5) Bent Crystal Spectrometer, 6) Ultraviolet Spectrometer and Polarimeter, and 7) Coronagraph/Polarimeter. Correlative optical, radio, and Geostationary Operational Environmental Satellite (GOES) X-ray data are also presented. Where possible, bursts or transients observed in the various wavelengths were grouped into discrete flare events identified by unique event numbers. Each event carries a qualifier denoting the quality or completeness of the observations. Spacecraft pointing coordinates and flare site angular displacement values from sun center are also included.					
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